

Program EVALPLOT  
(Version 2021-1)

by

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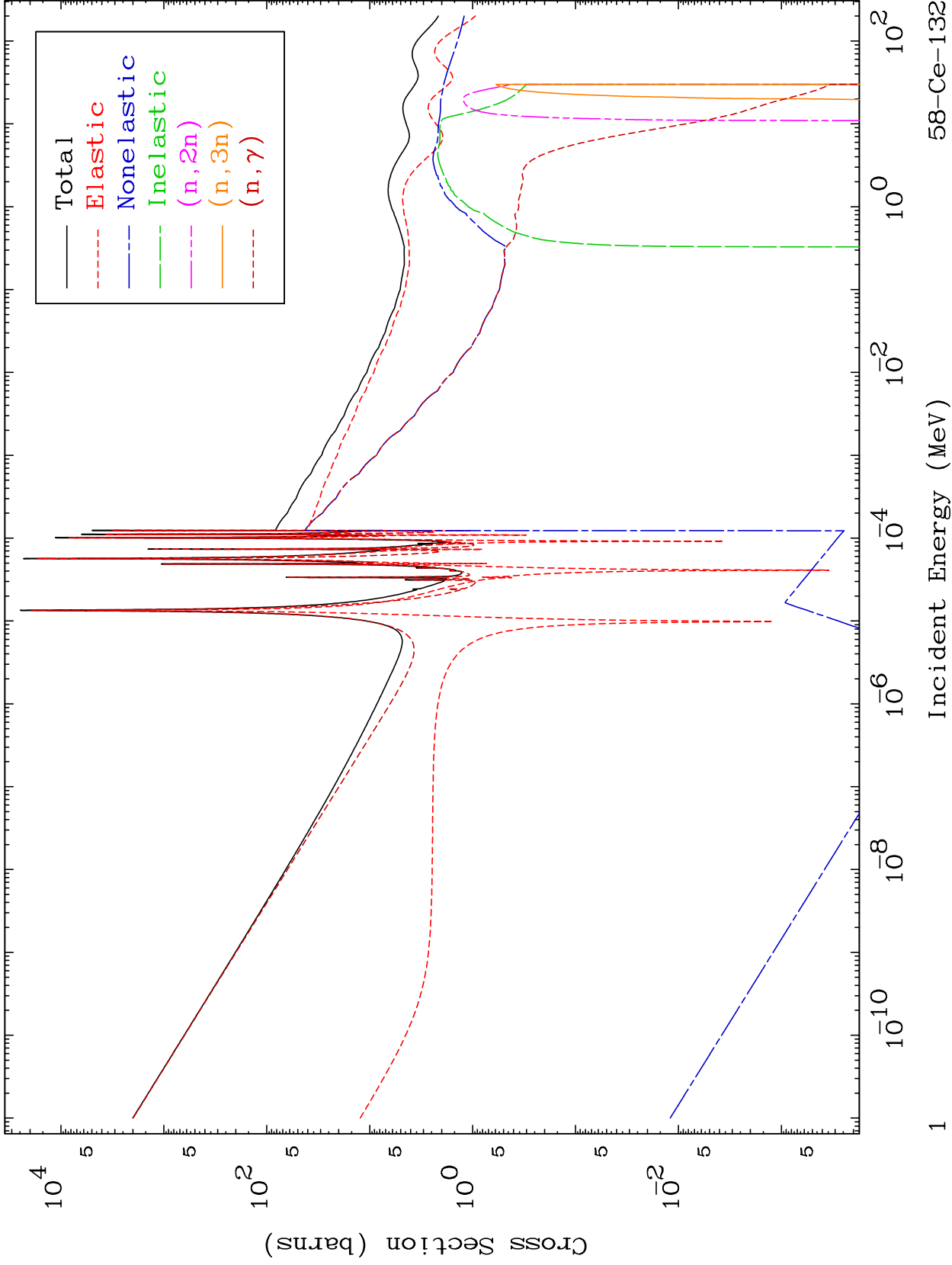
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Press Mouse Button to Start

MAT 5813

Neutron Major  
293 Kelvin Cross Sections

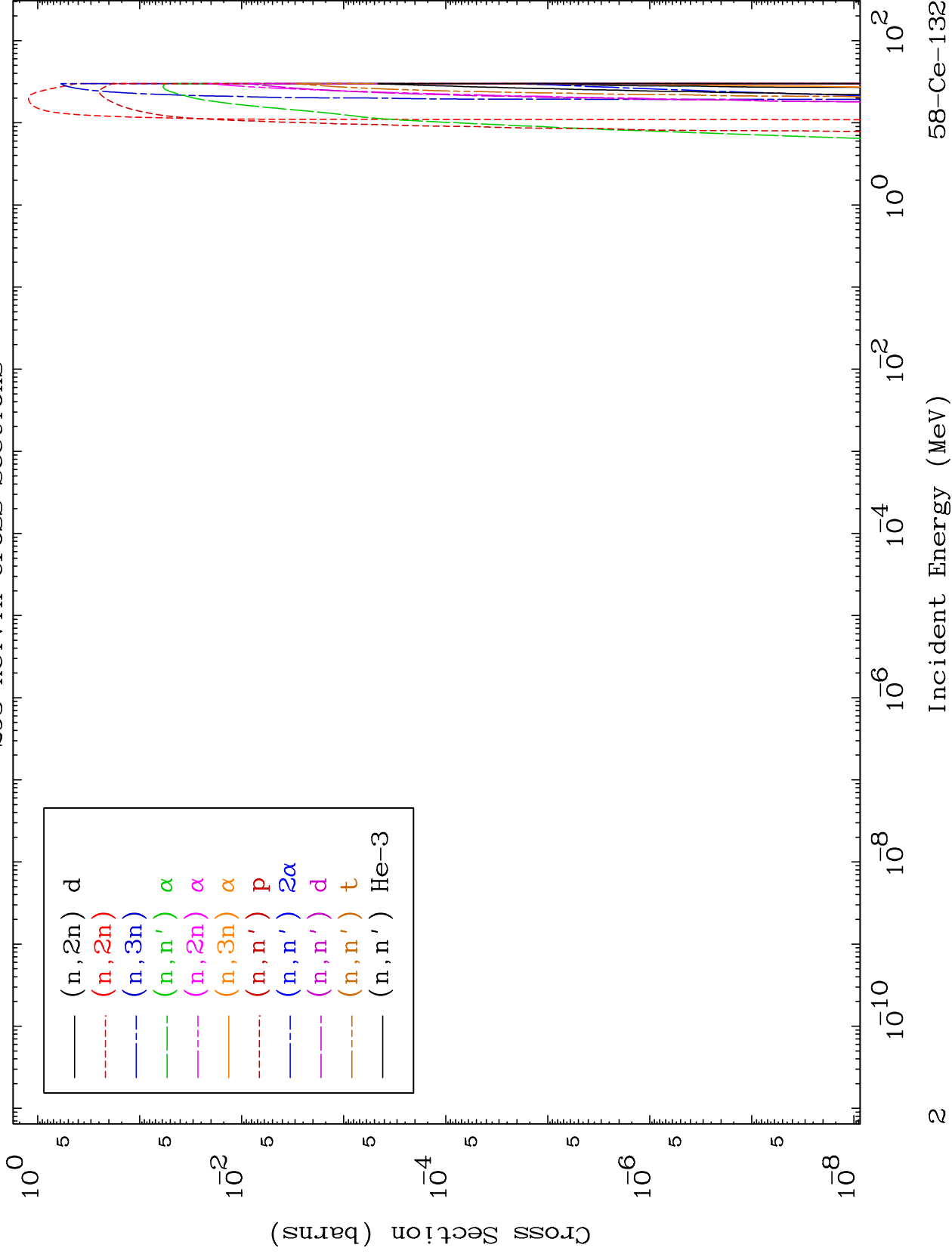
58-Ce-132



MAT 5813

Neutron Absorption  
293 Kelvin Cross Sections

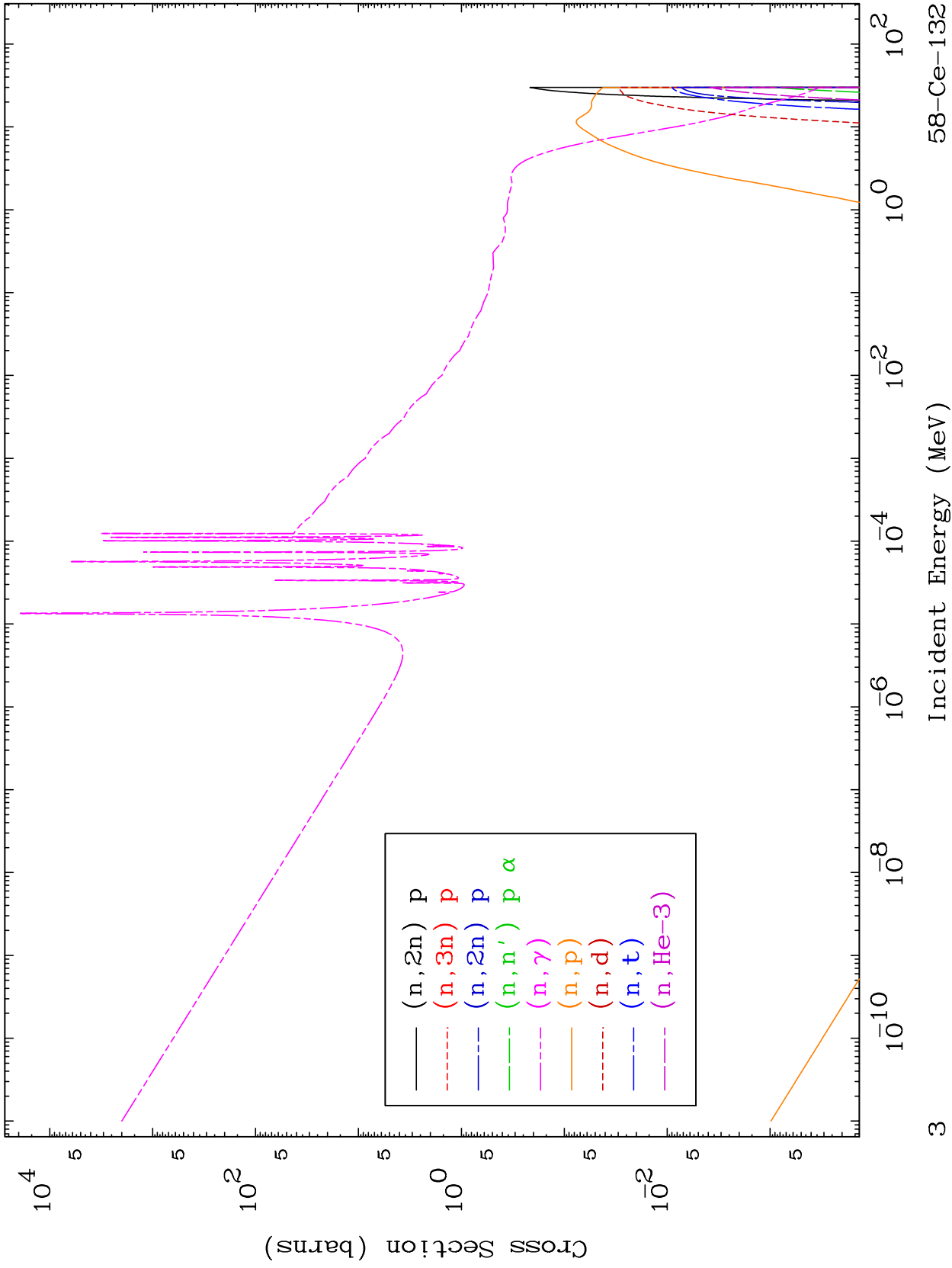
58-Ce-132



MAT 5813

Neutron Absorption  
293 Kelvin Cross Sections

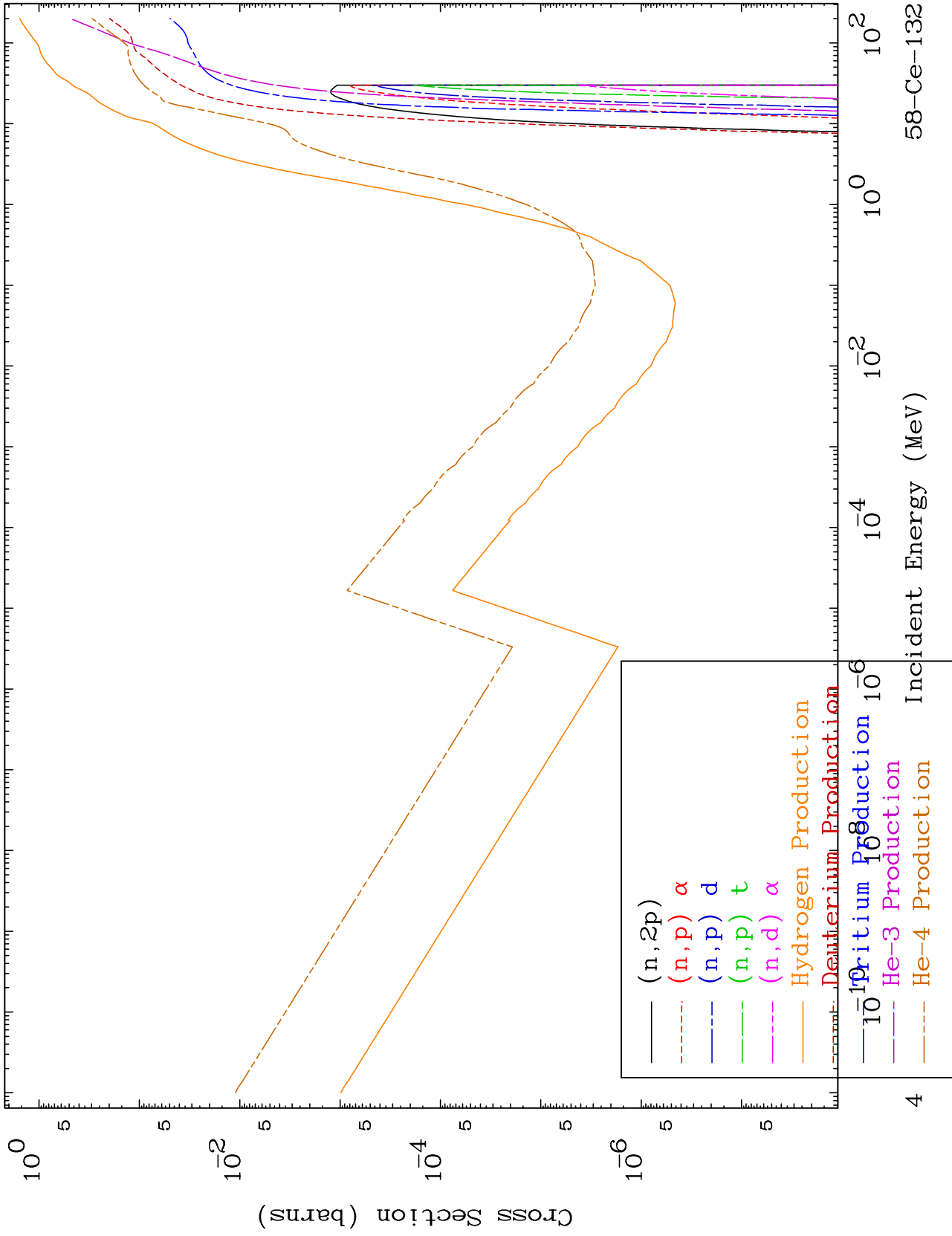
58-Ce-132



MAT 5813

Neutron Absorption  
293 Kelvin Cross Sections

58-Ce-132

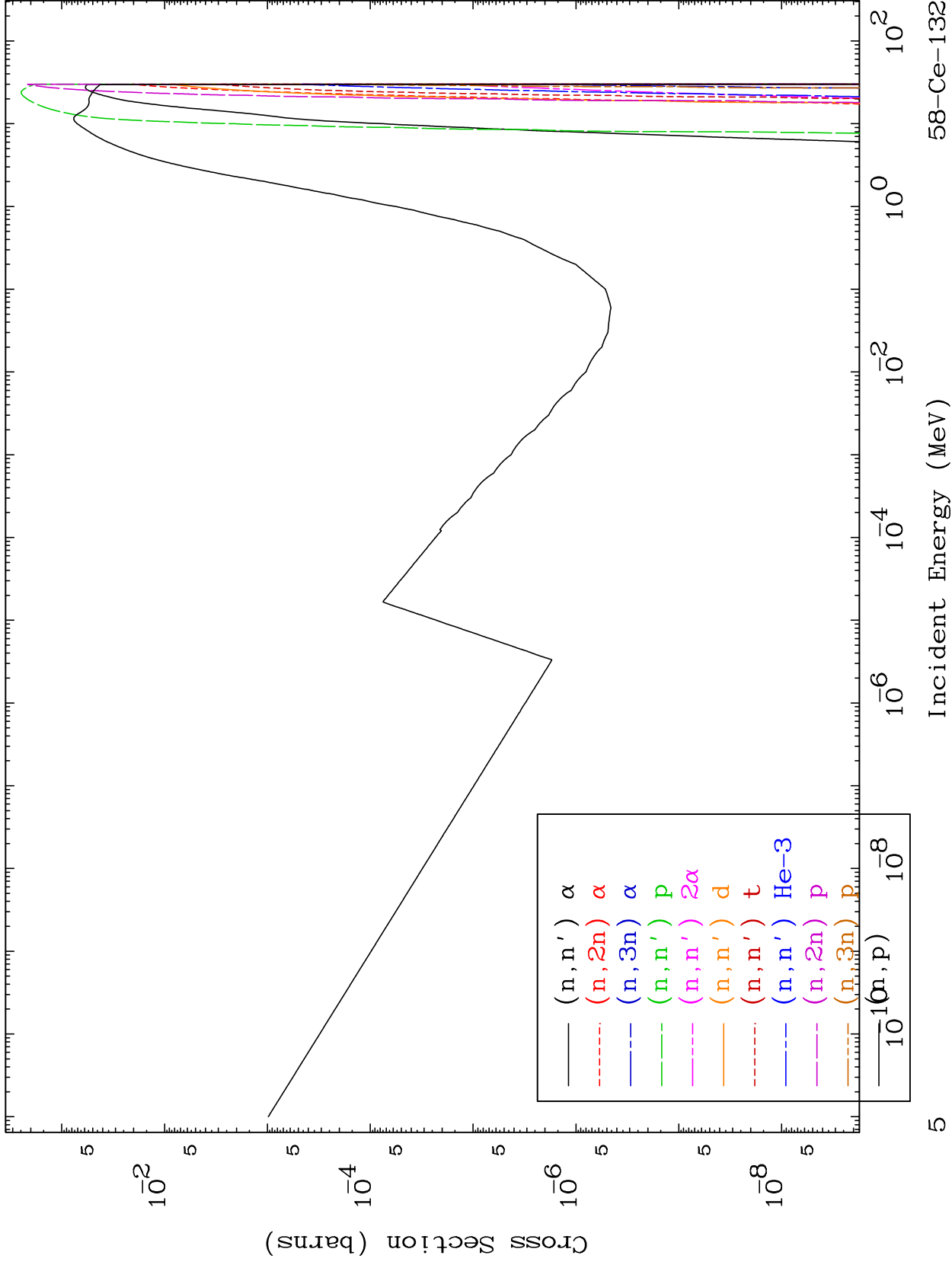


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MAT 5813

Charged Particle  
293 Kelvin Cross Sections

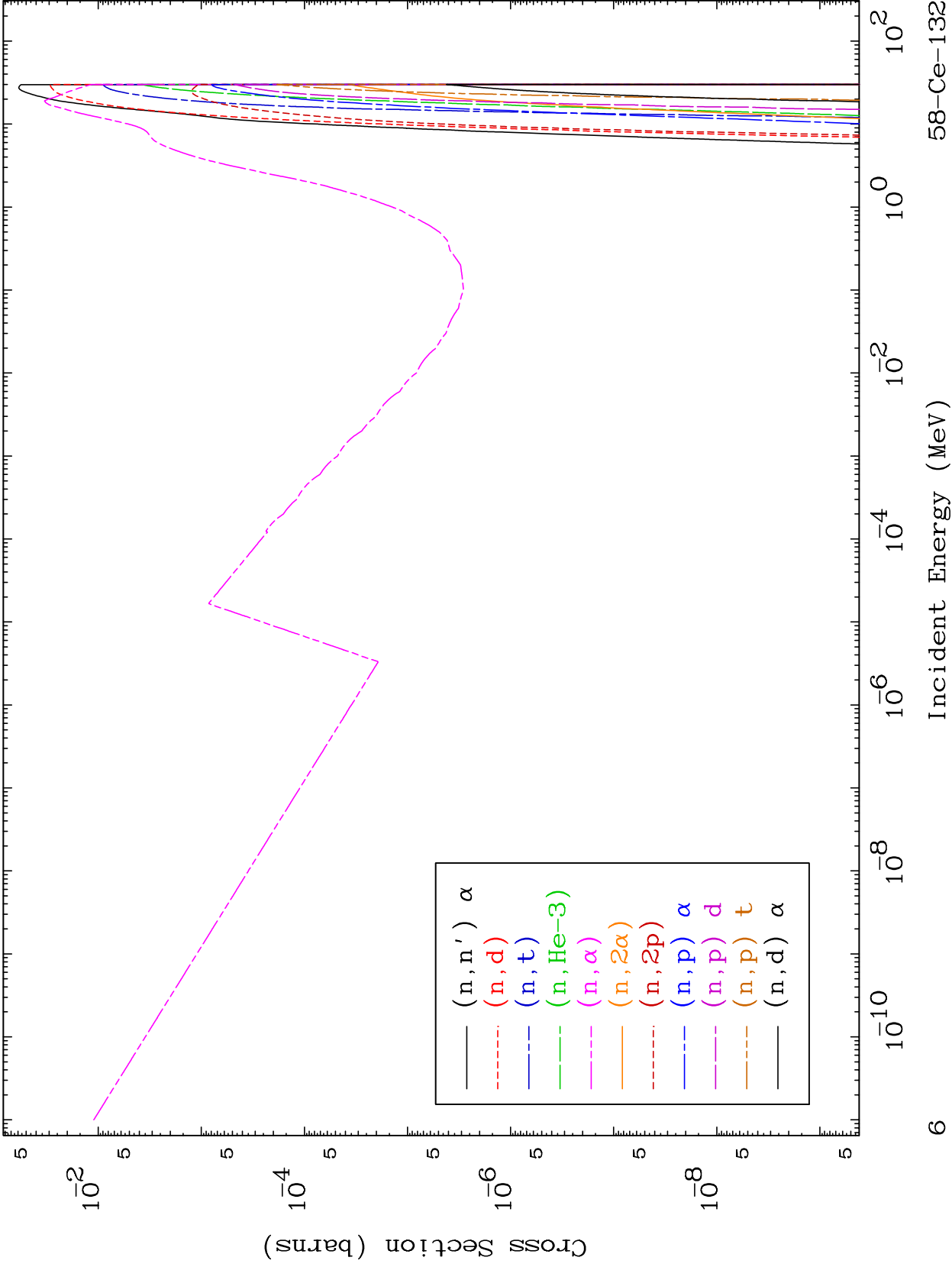
58-Ce-132



MAT 5813

Charged Particle  
293 Kelvin Cross Sections

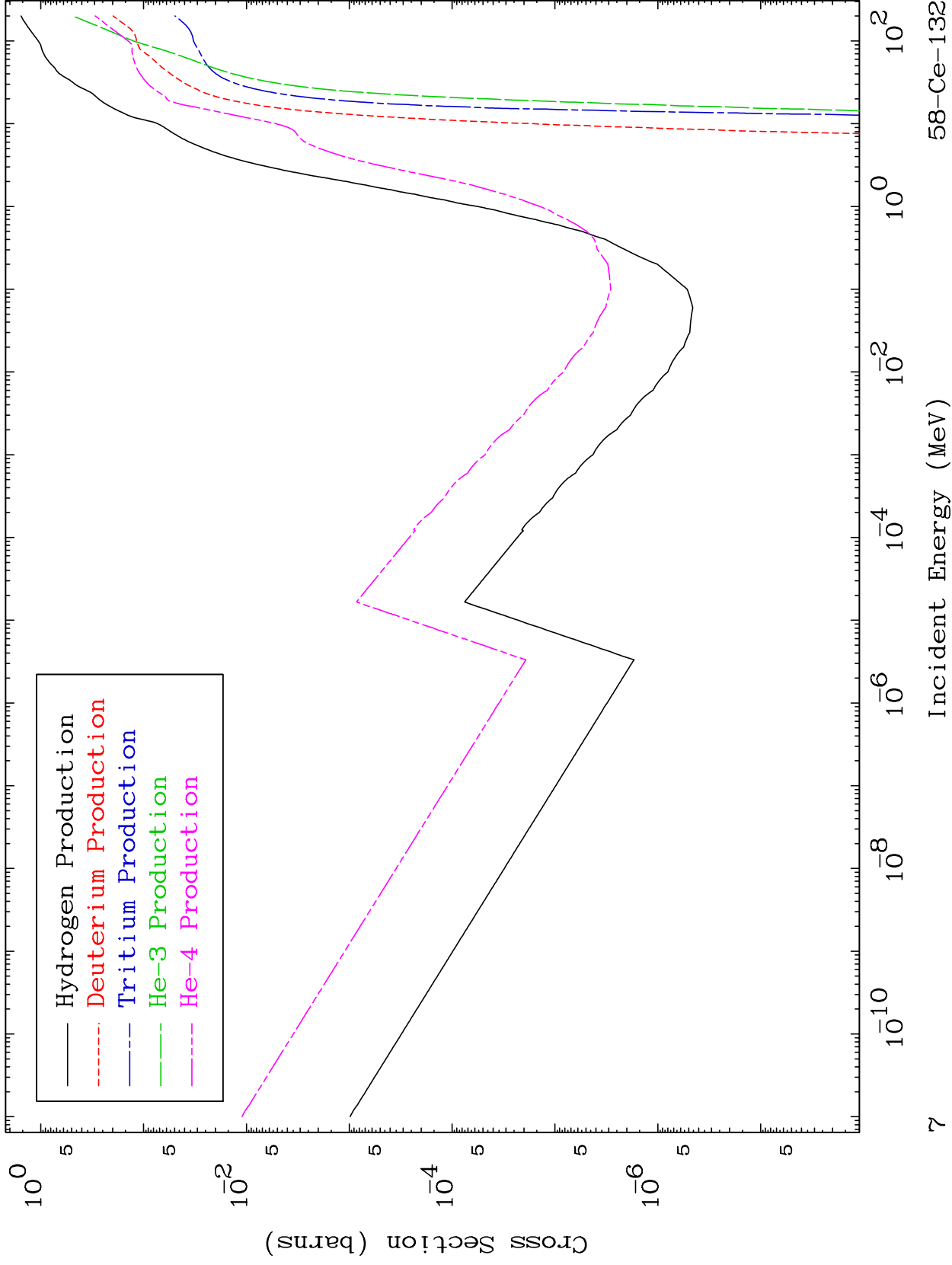
58-Ce-132



MAT 5813

Particle Production  
293 Kelvin Cross Sections

58-Ce-132



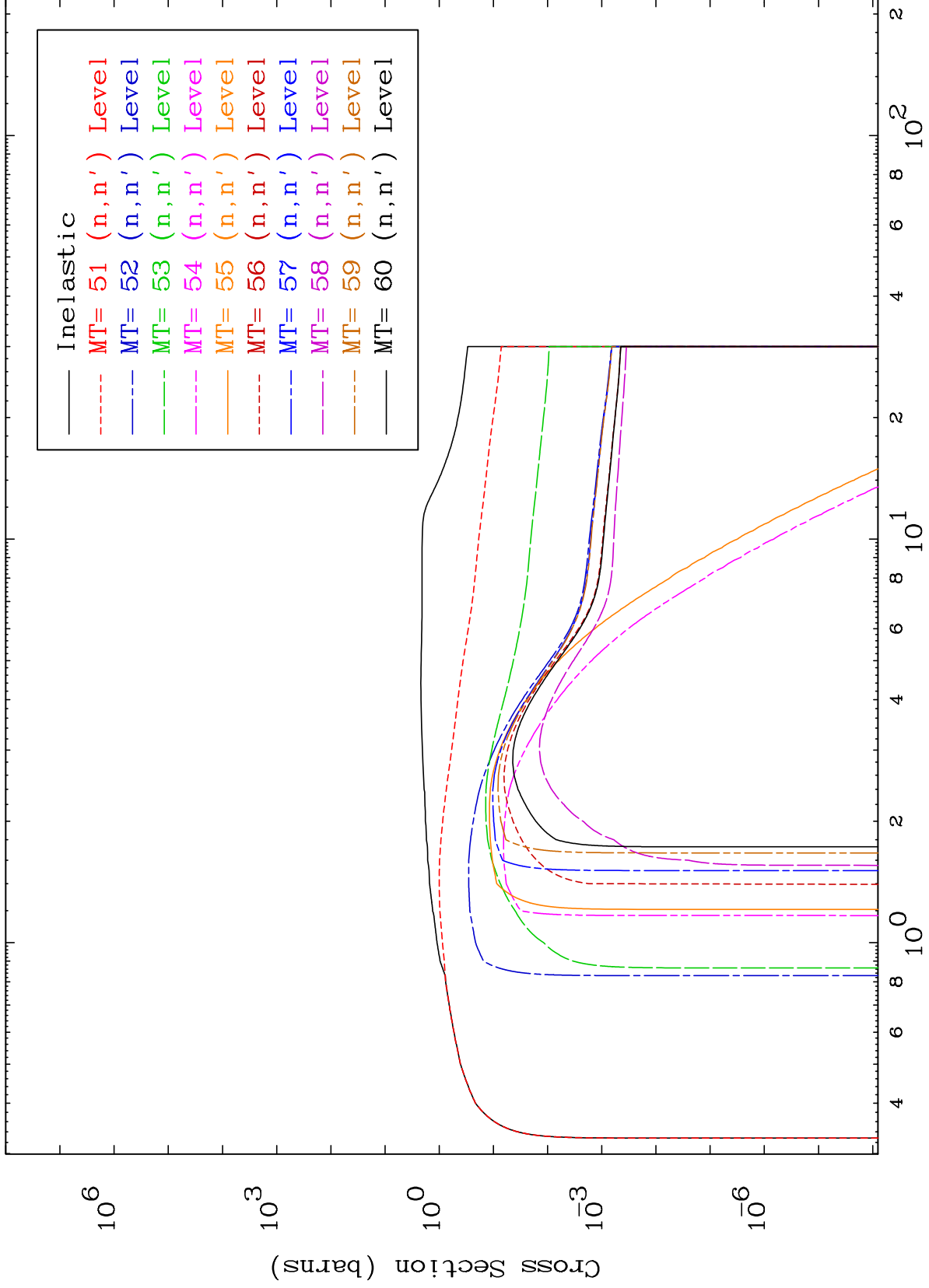


MAT 5813

(n,n') Levels

58-Ce-132

293 Kelvin Cross Sections



8

Incident Energy (MeV)

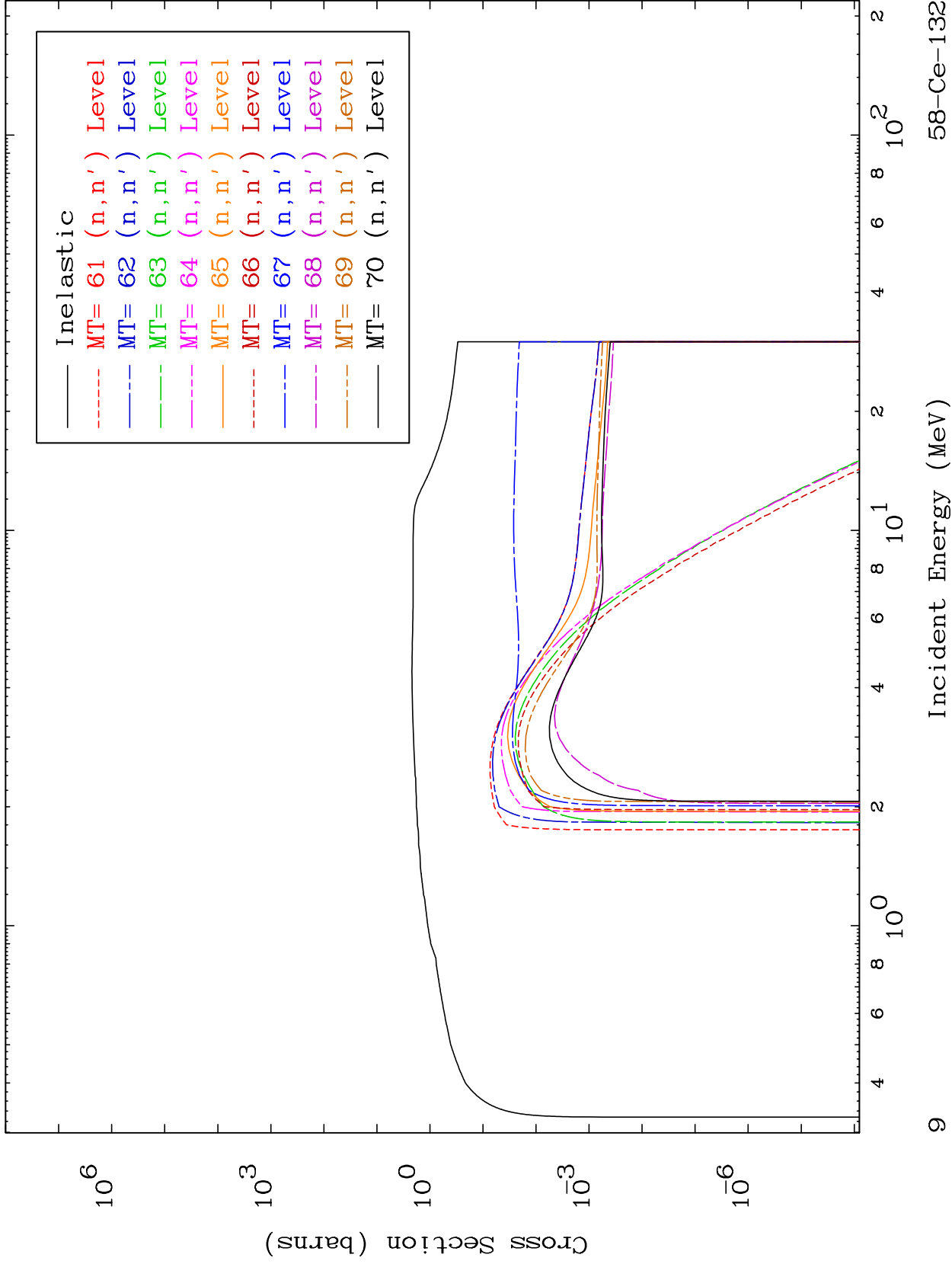
58-Ce-132

MAT 5813

(n,n') Levels

58-Ce-132

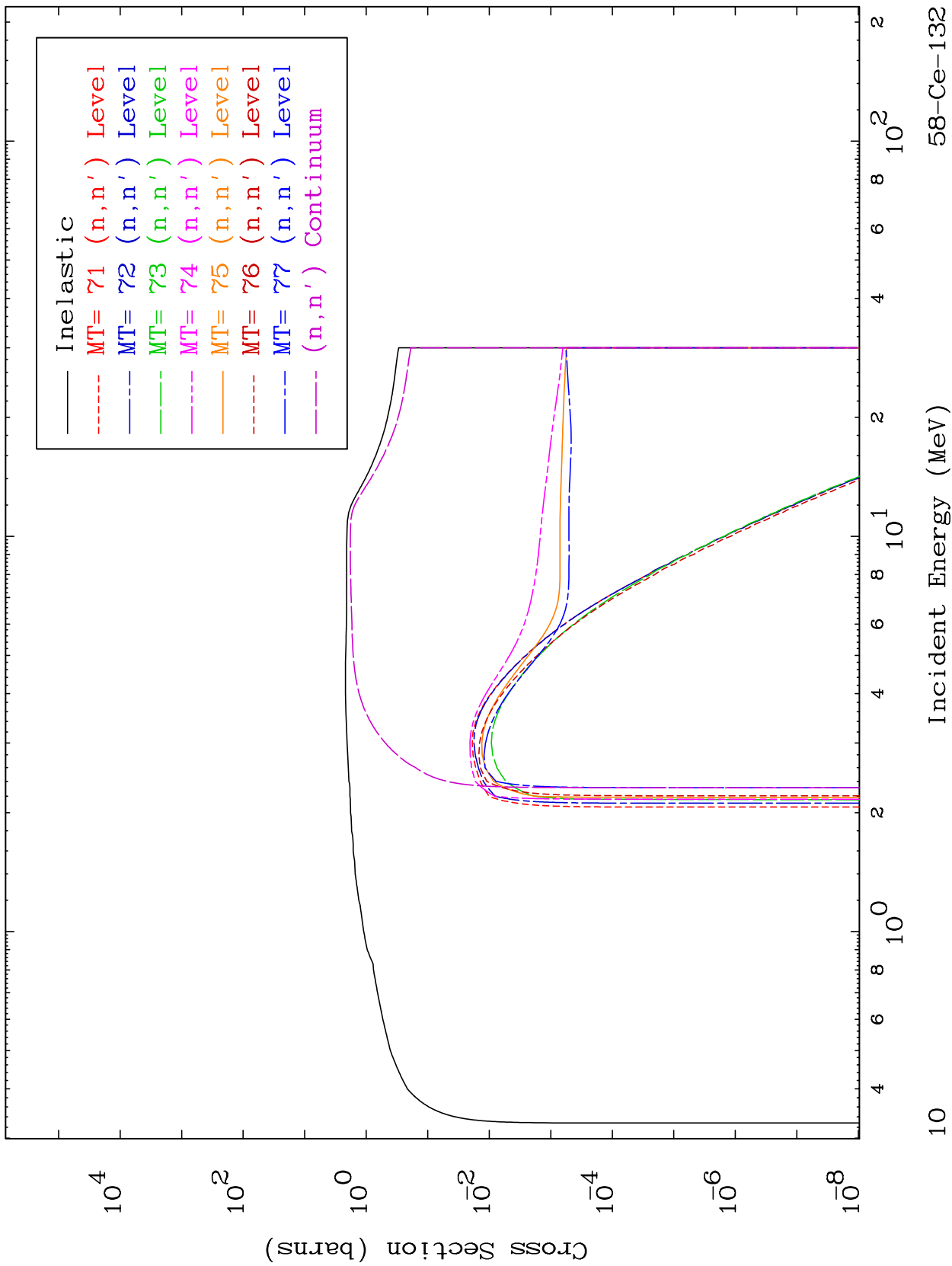
293 Kelvin Cross Sections



MAT 5813

(n,n') Levels  
293 Kelvin Cross Sections

58-Ce-132



10

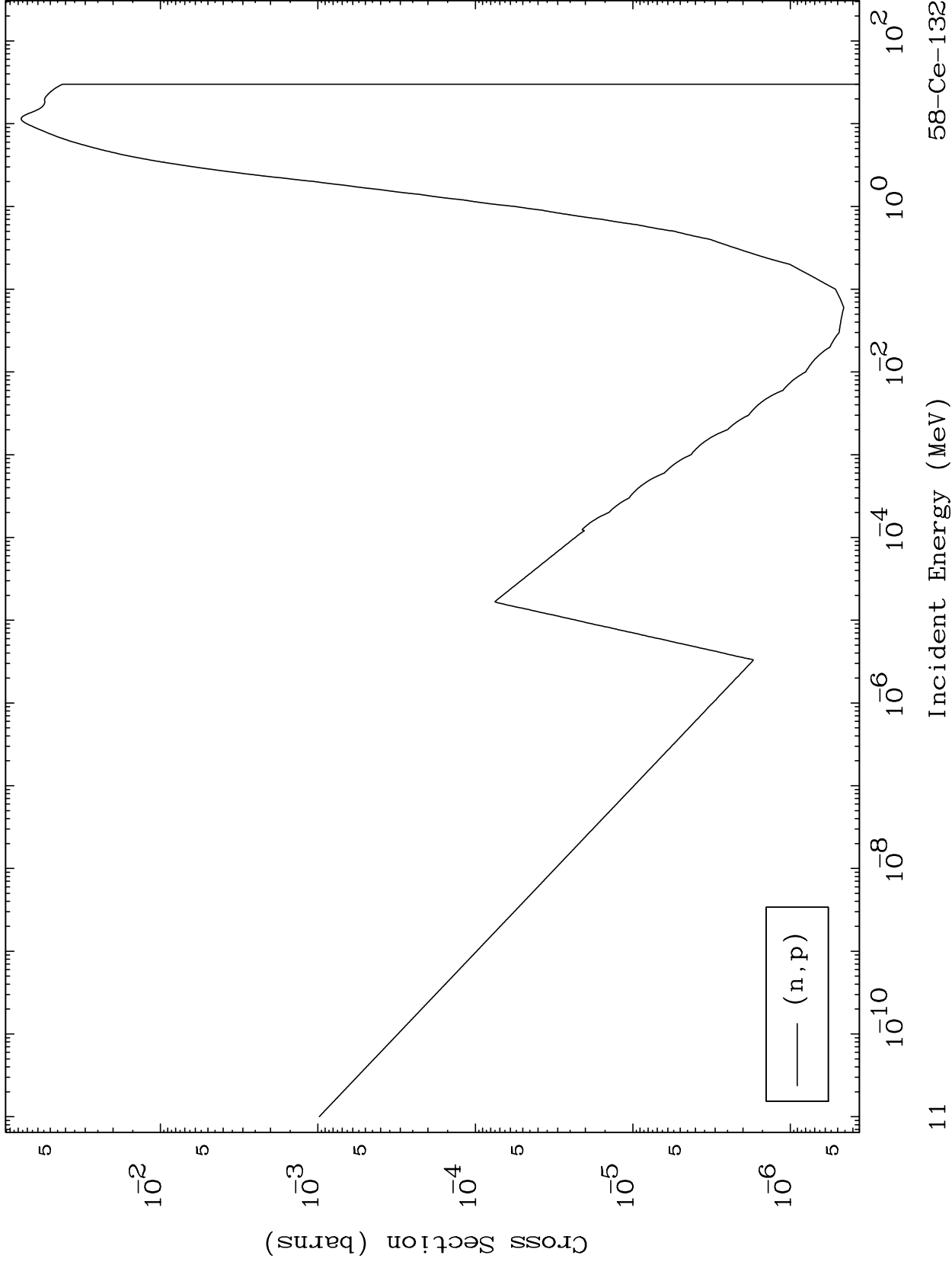
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,p) Levels  
293 Kelvin Cross Sections

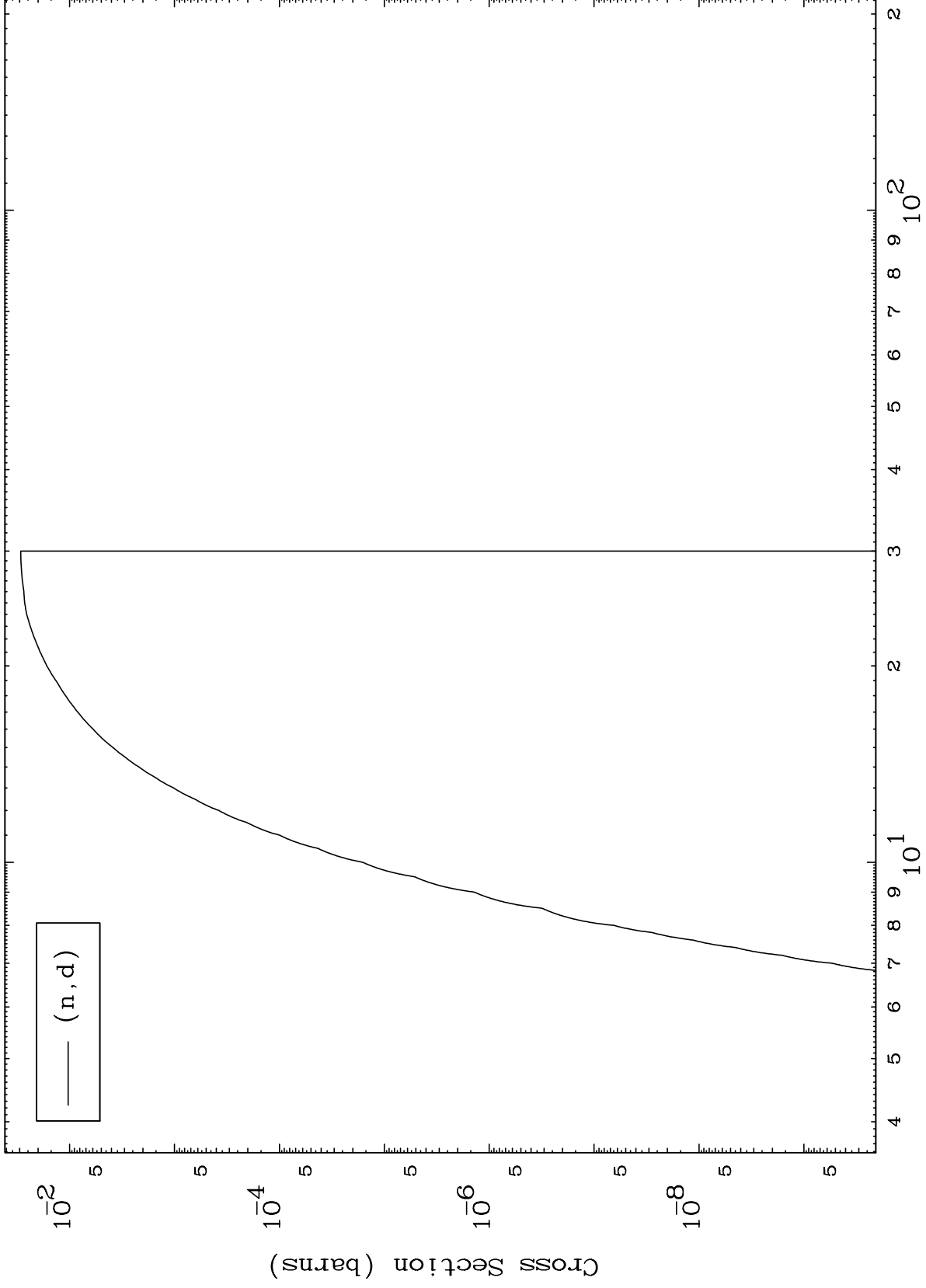
58-Ce-132



MAT 5813

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-132



12

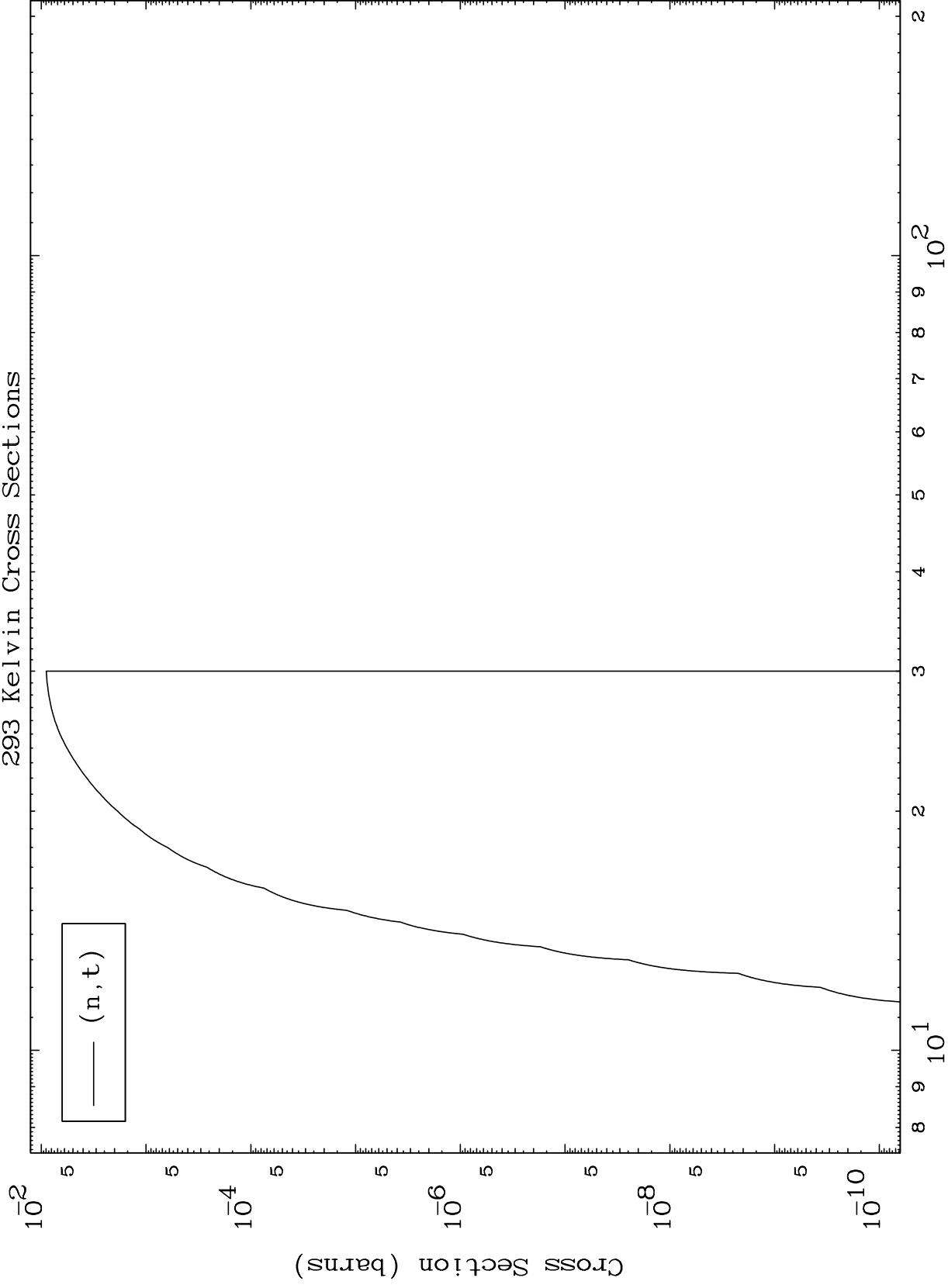
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-132



13

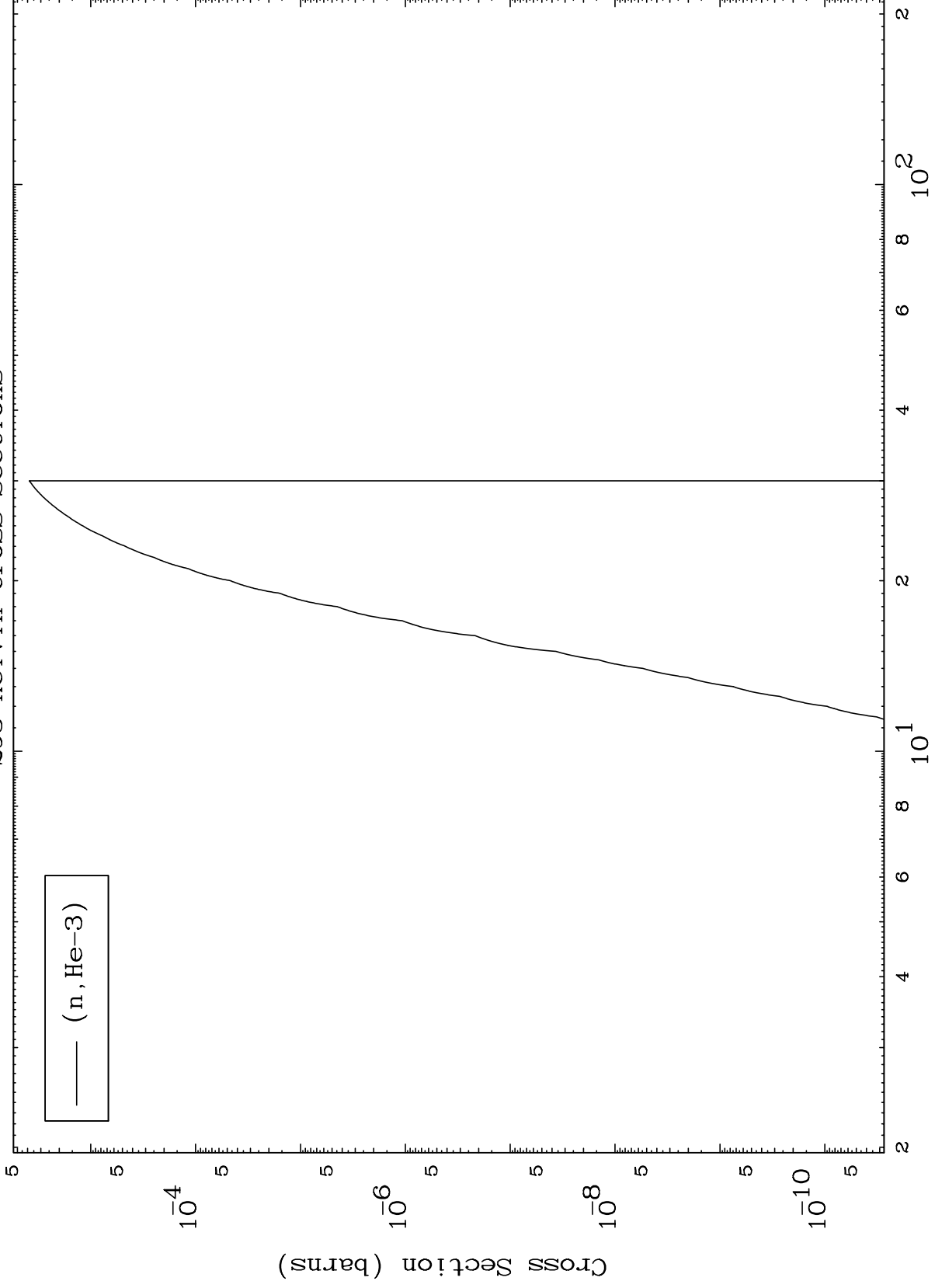
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-132



14

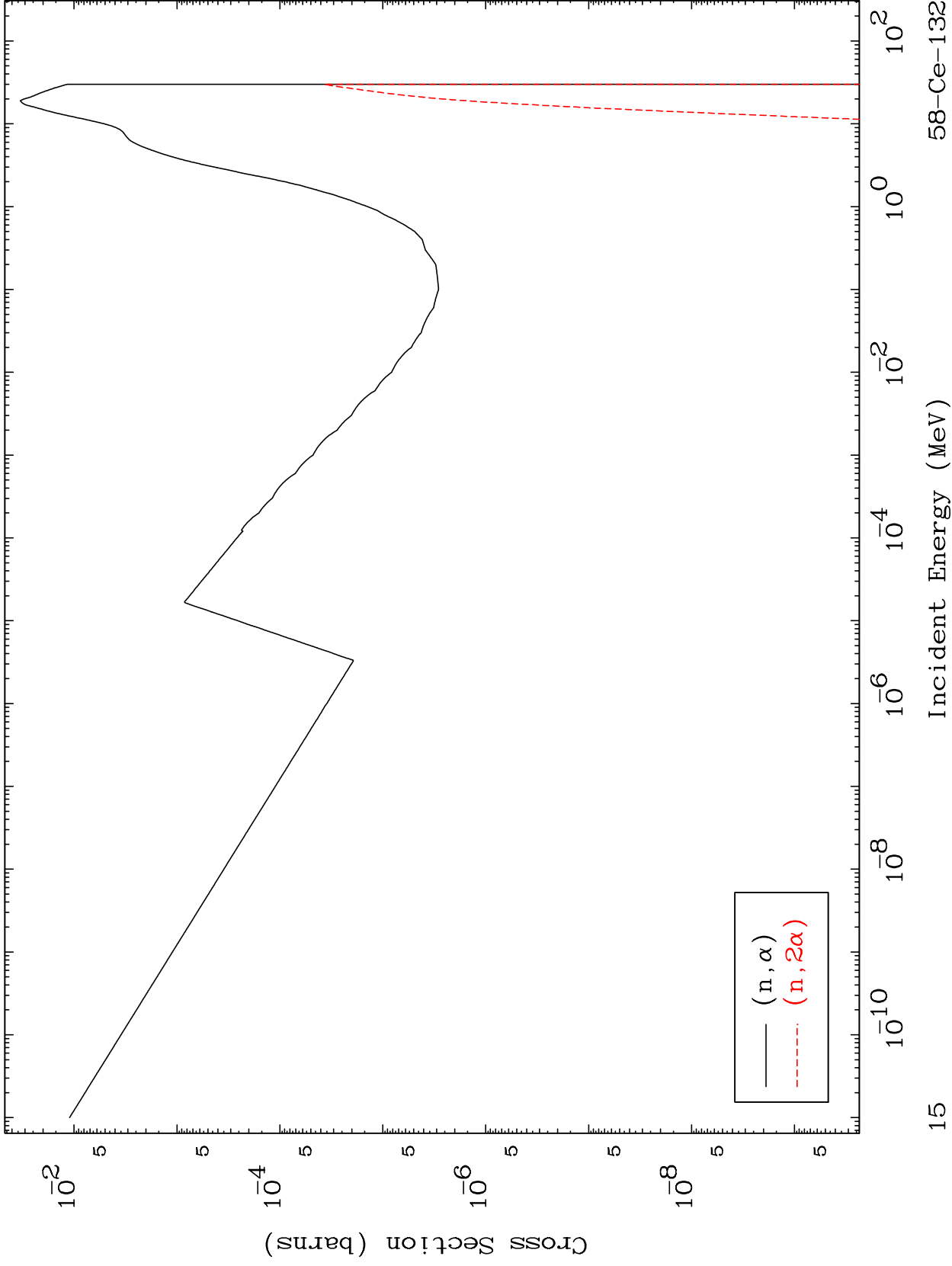
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

58-Ce-132

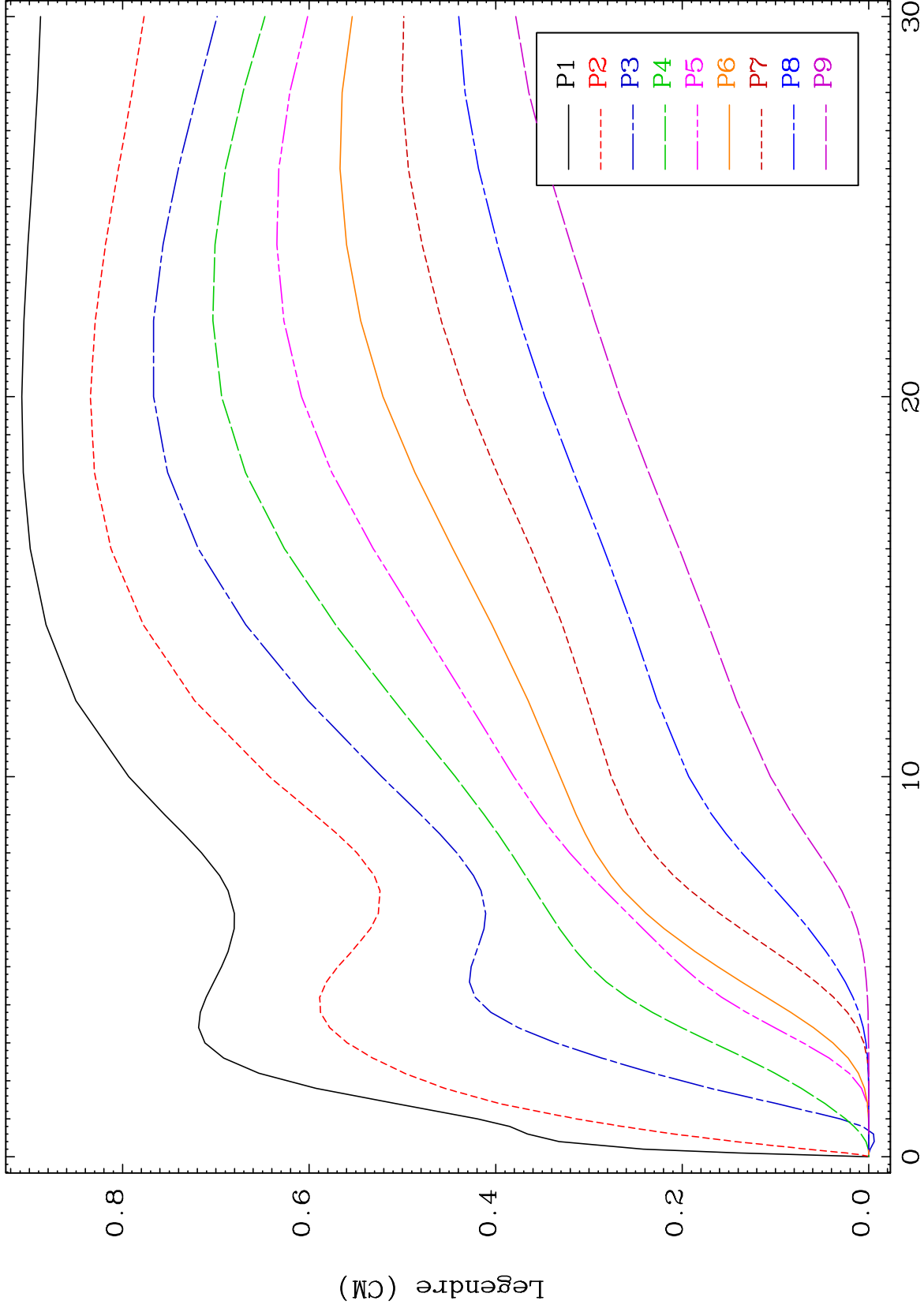




MAT 5813

Elastic Legendre Coefficients

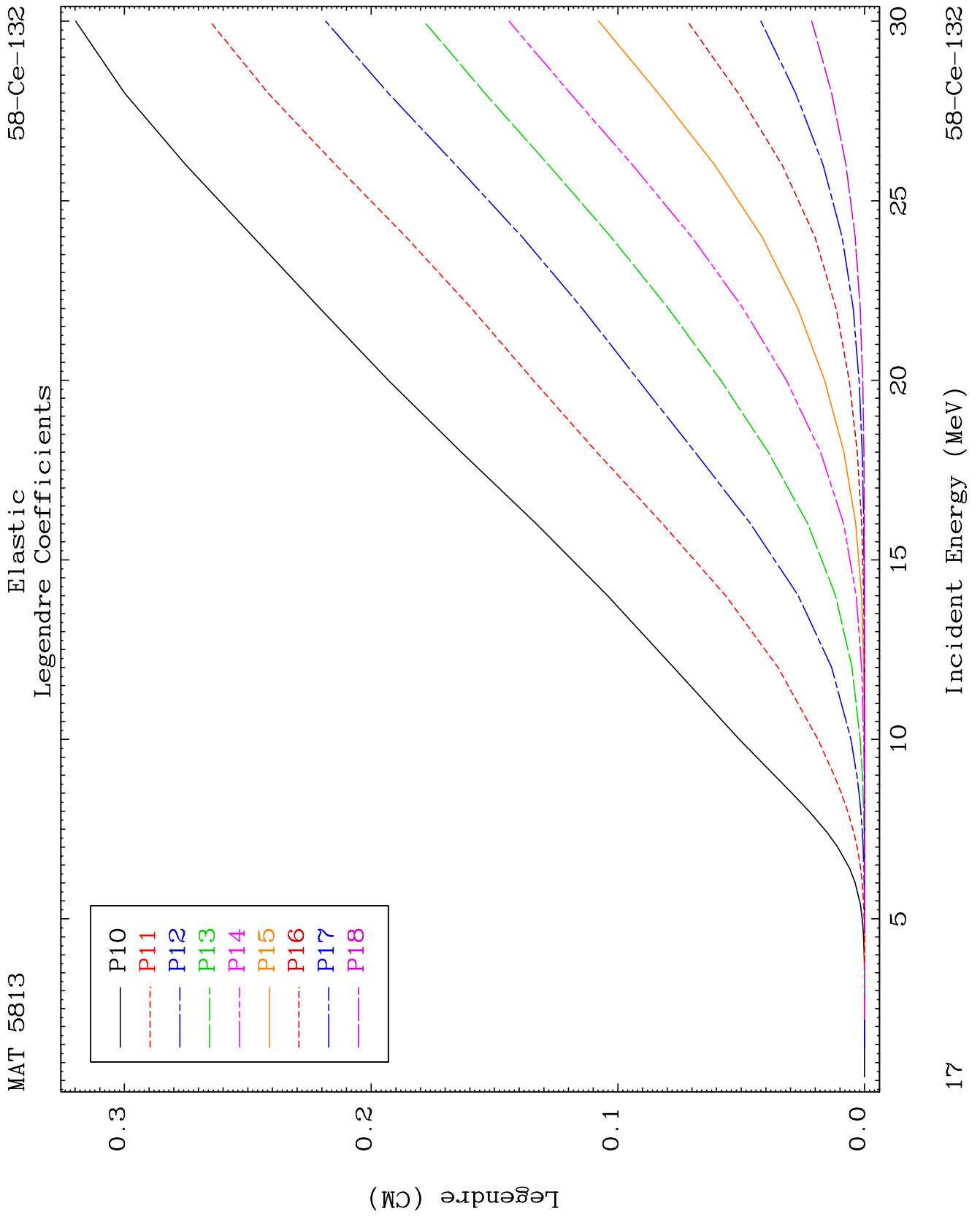
58-Ce-132



16

Incident Energy (MeV)

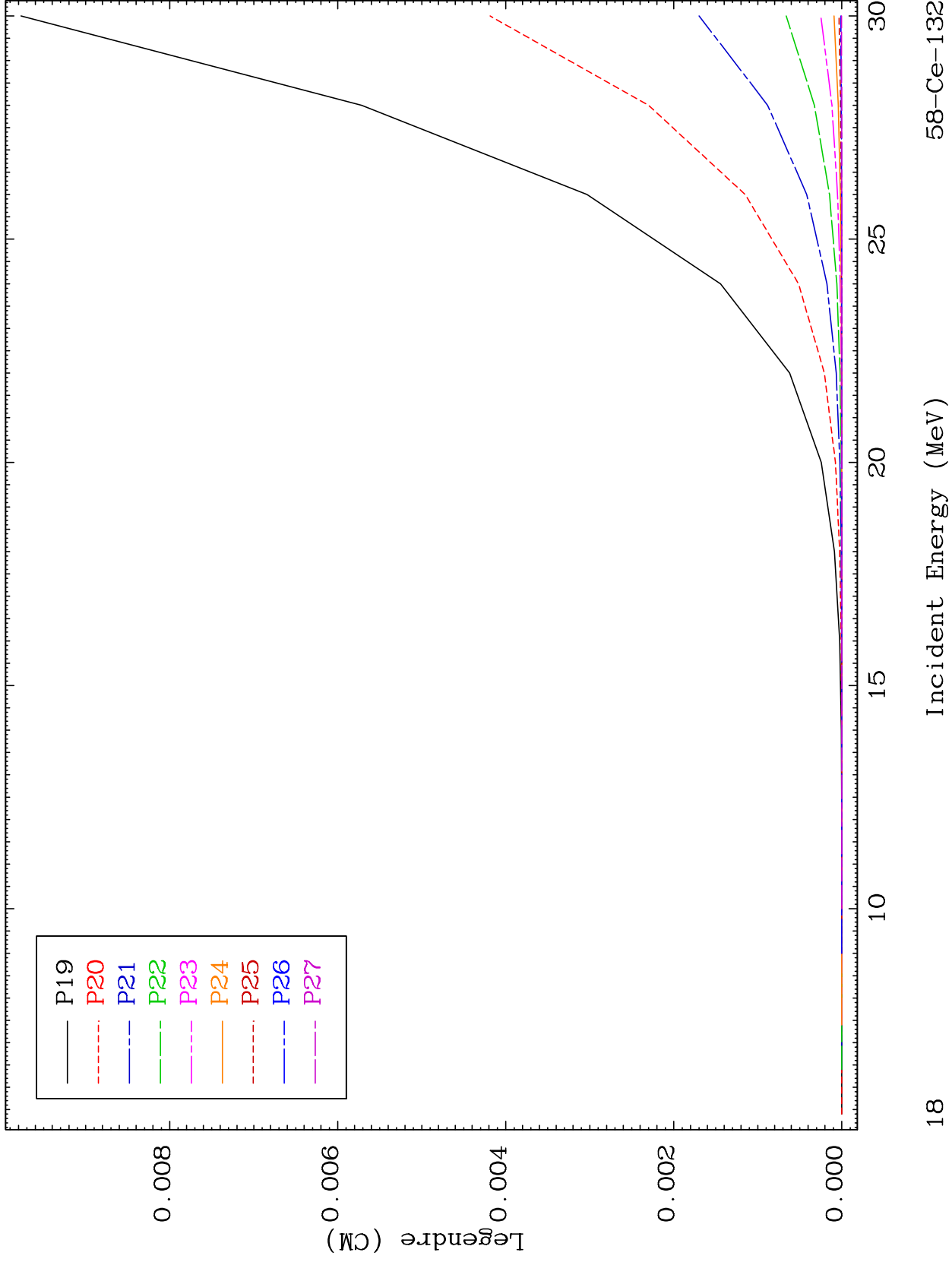
58-Ce-132



MAT 5813

### Elastic Legendre Coefficients

58-Ce-132



18

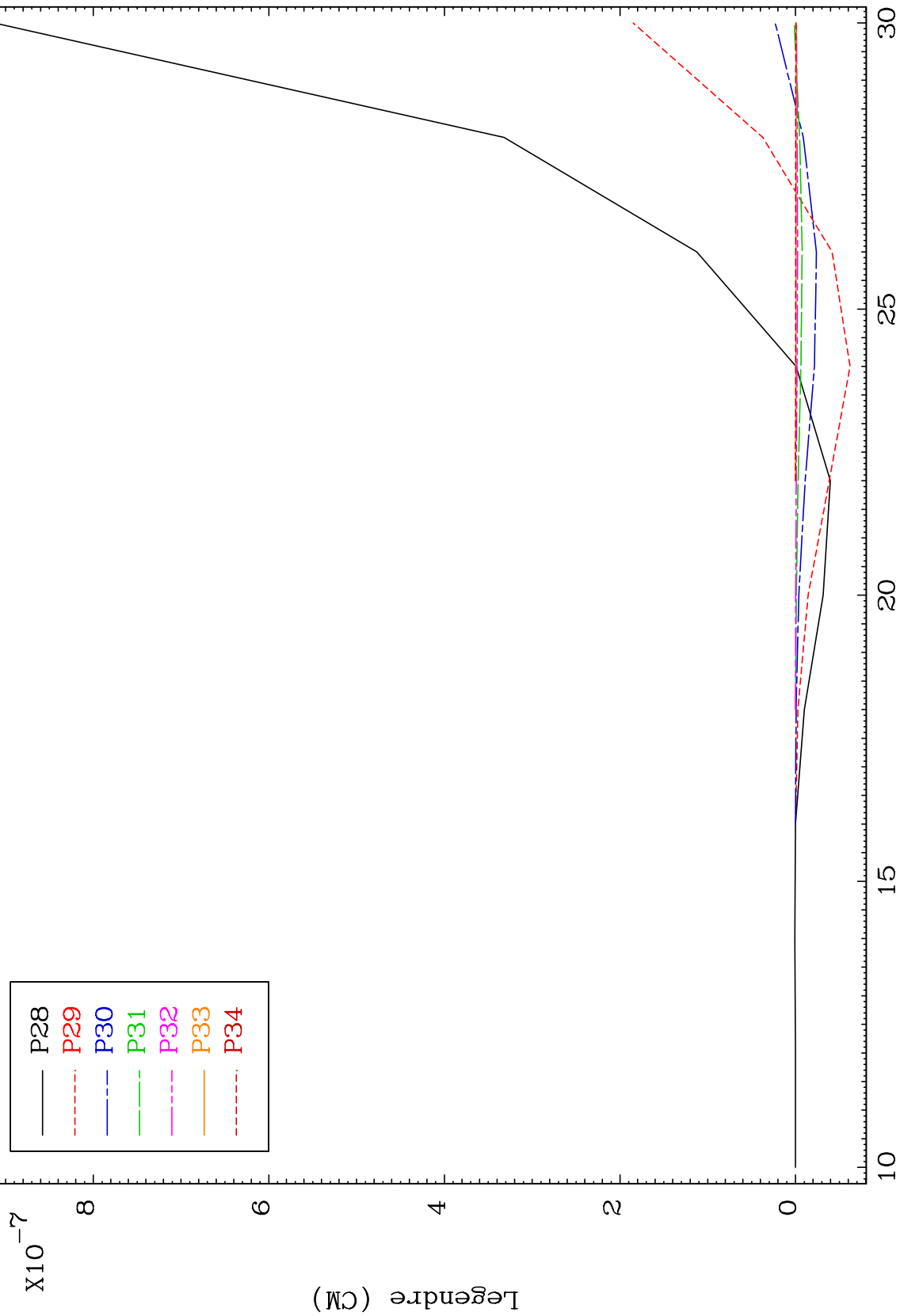
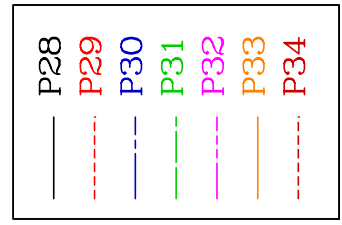
Incident Energy (MeV)

58-Ce-132

MAT 5813

Elastic Legendre Coefficients

58-Ce-132



19

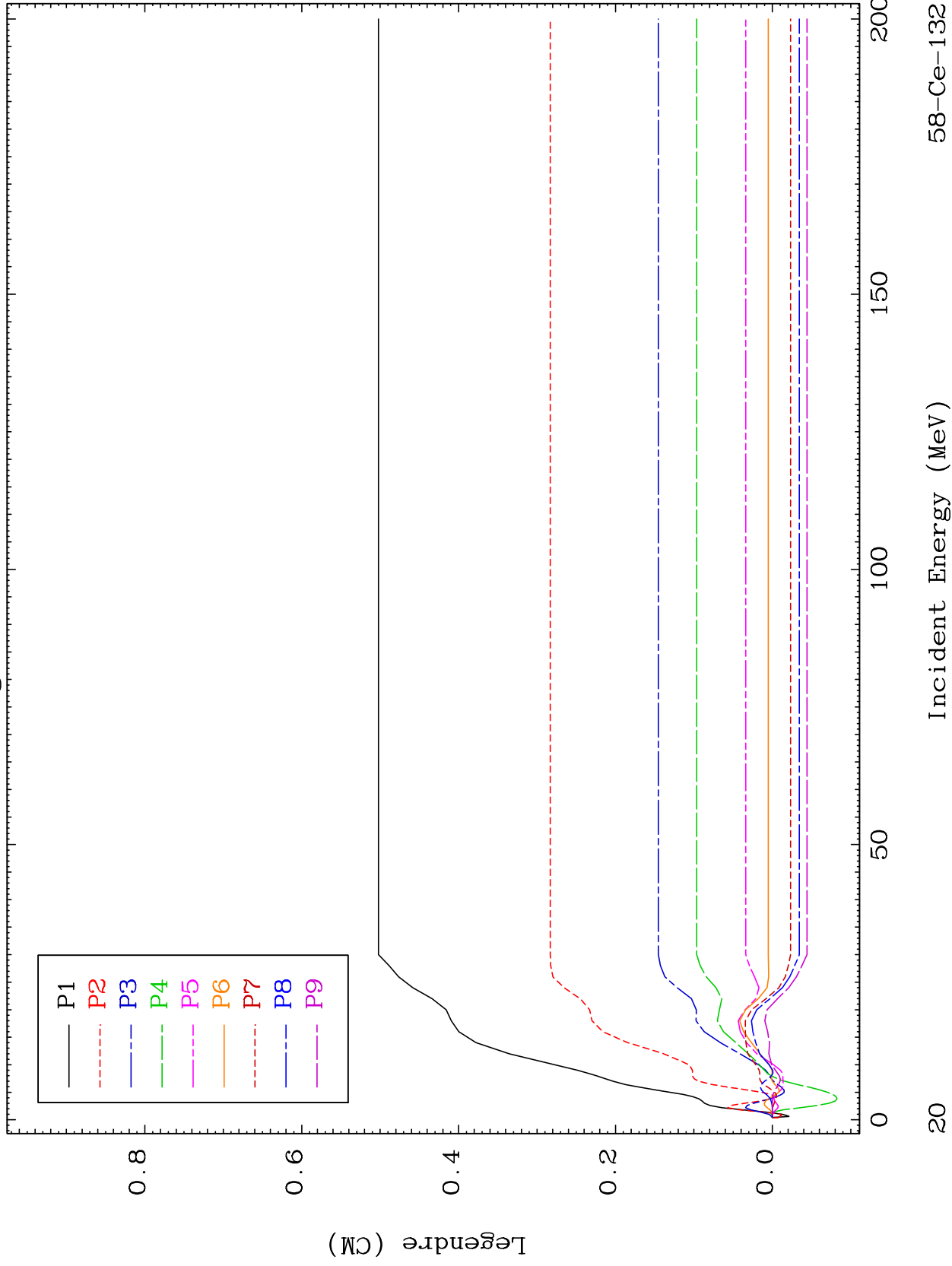
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 51 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

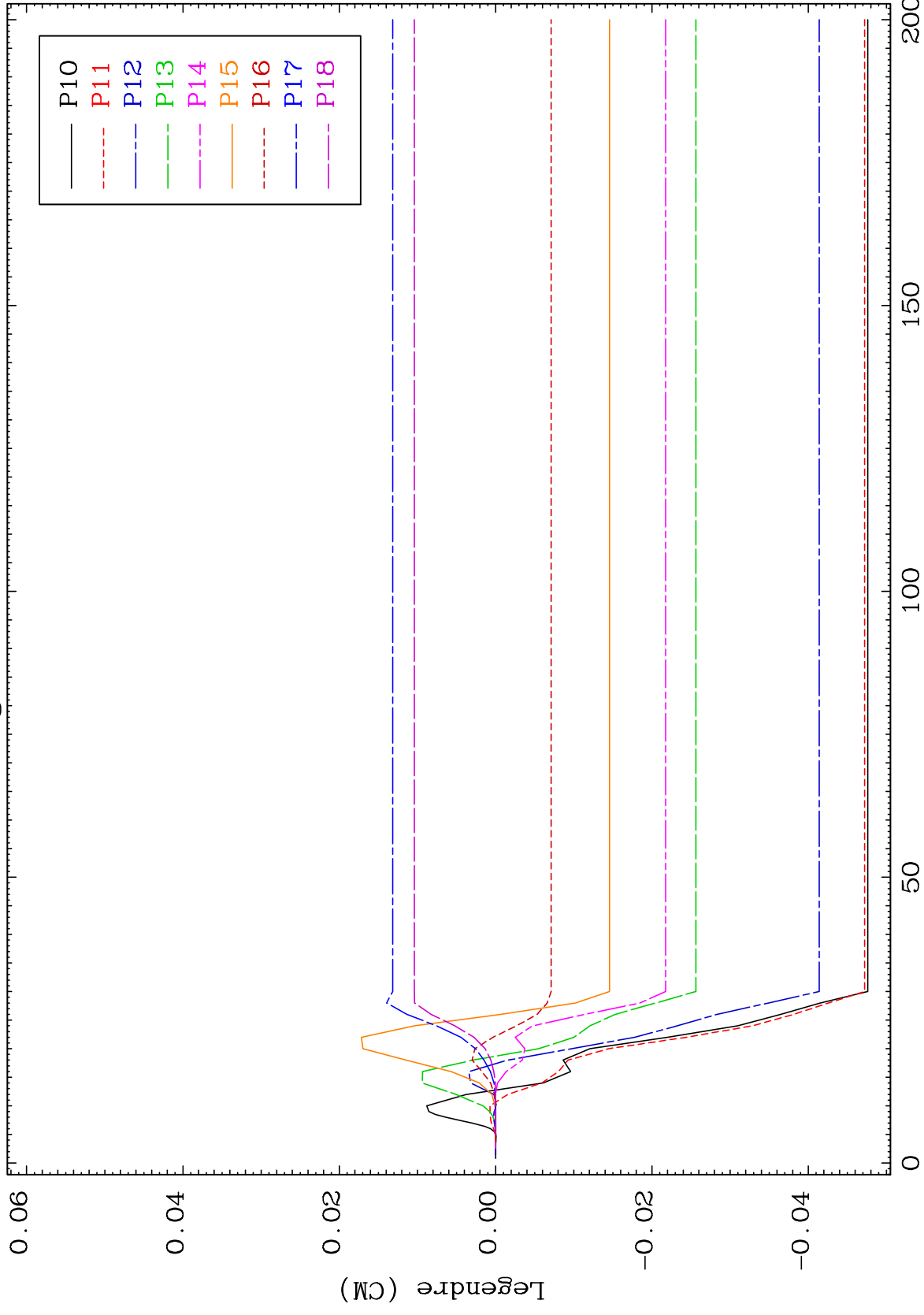
Incident Energy (MeV)

0

MAT 5813

MT= 51 (n,n') Level  
Legendre Coefficients

58-Ce-132



21

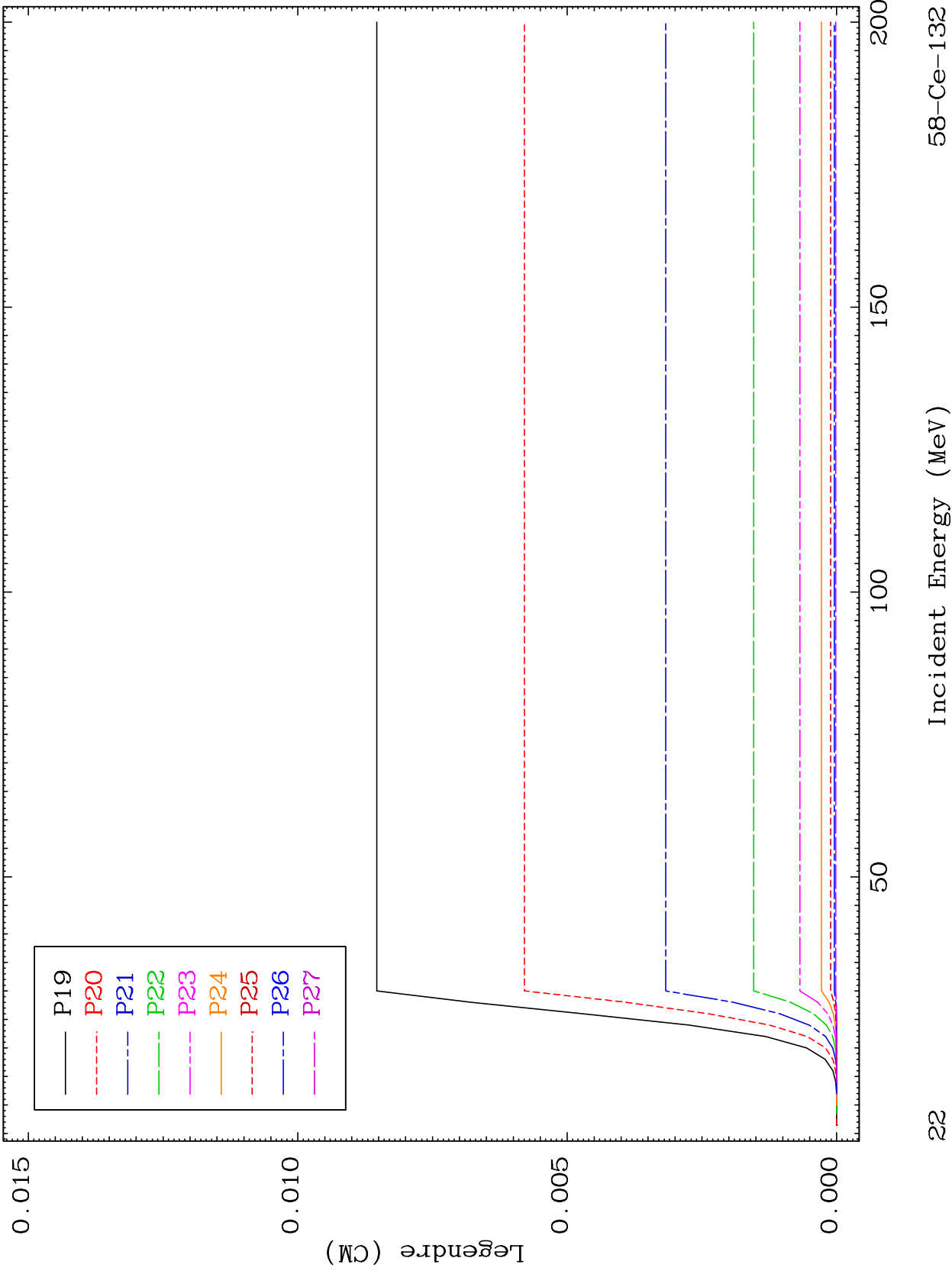
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 51 (n,n') Level  
Legendre Coefficients

58-Ce-132



22

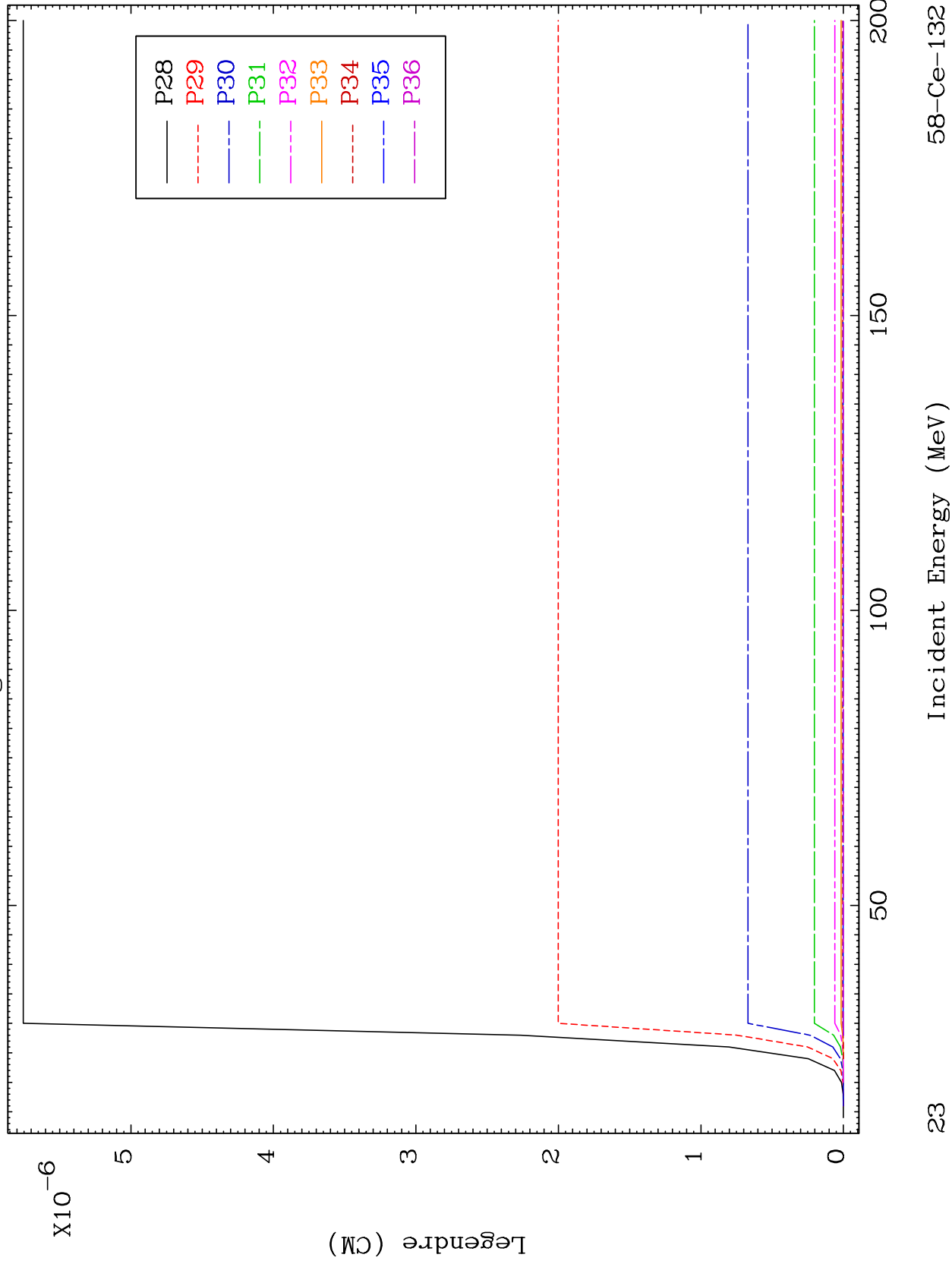
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 51 (n,n') Level  
Legendre Coefficients

58-Ce-132



23

Incident Energy (MeV)

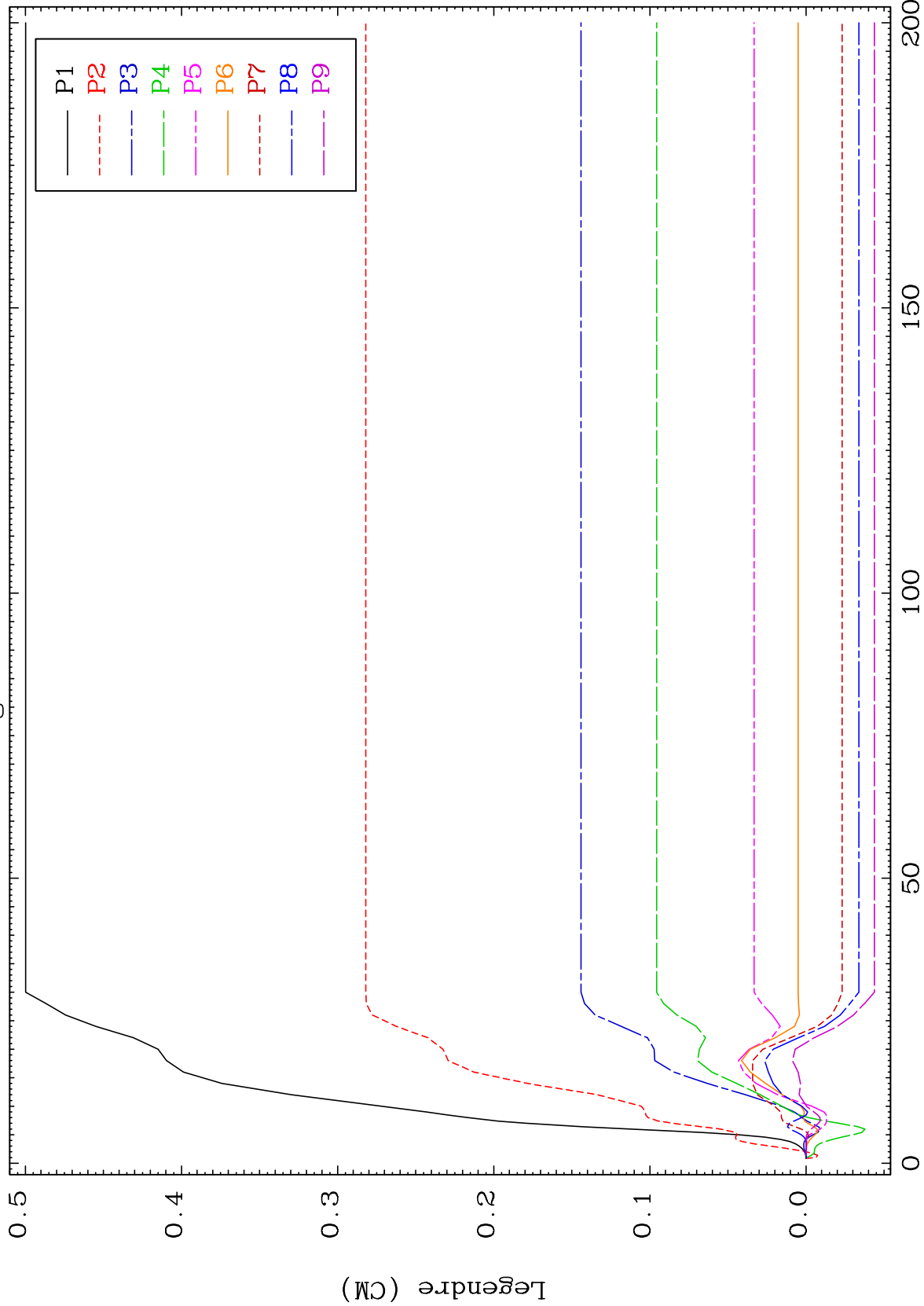
58-Ce-132



MAT 5813

MT= 52 (n,n') Level  
Legendre Coefficients

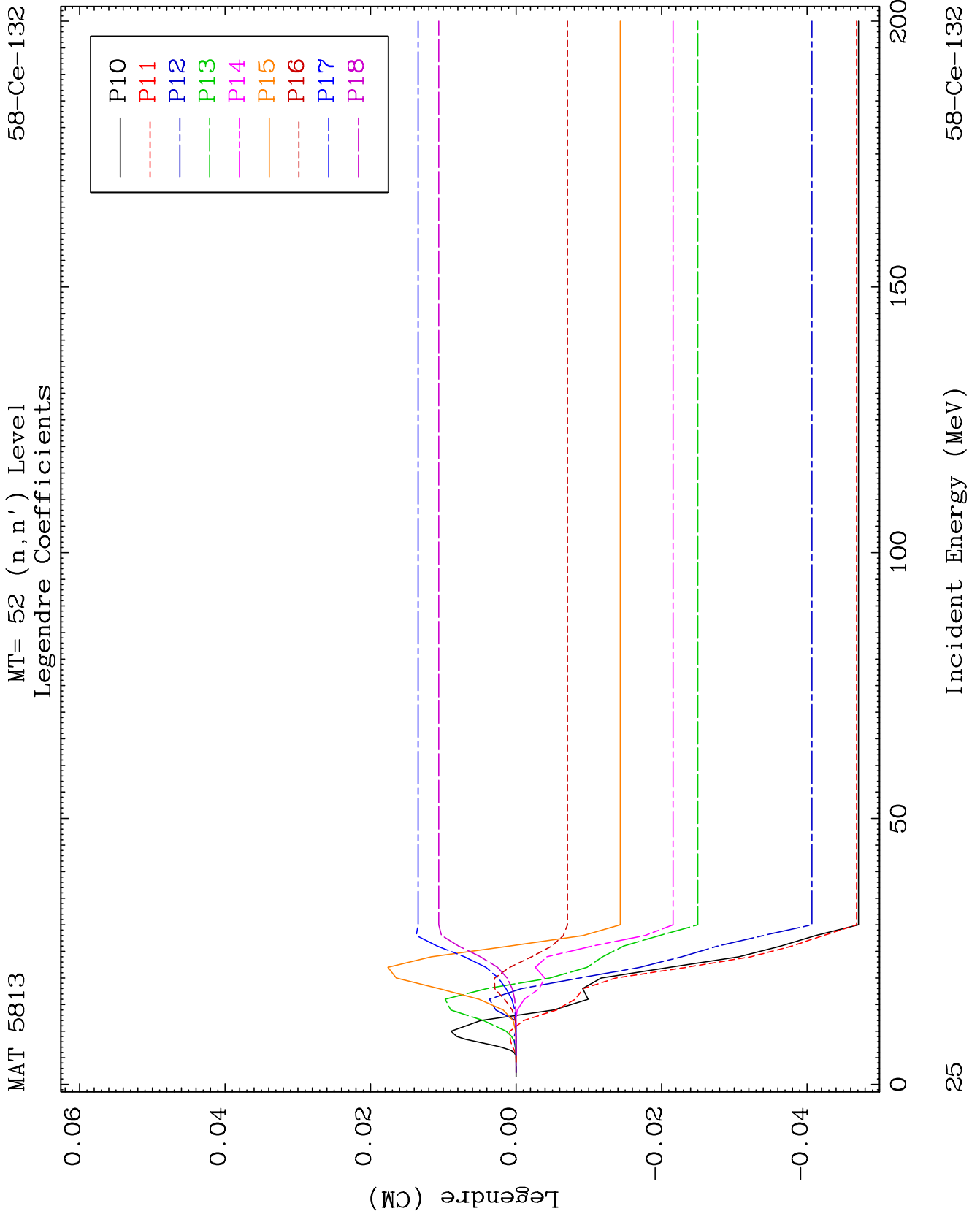
58-Ce-132



24

Incident Energy (MeV)

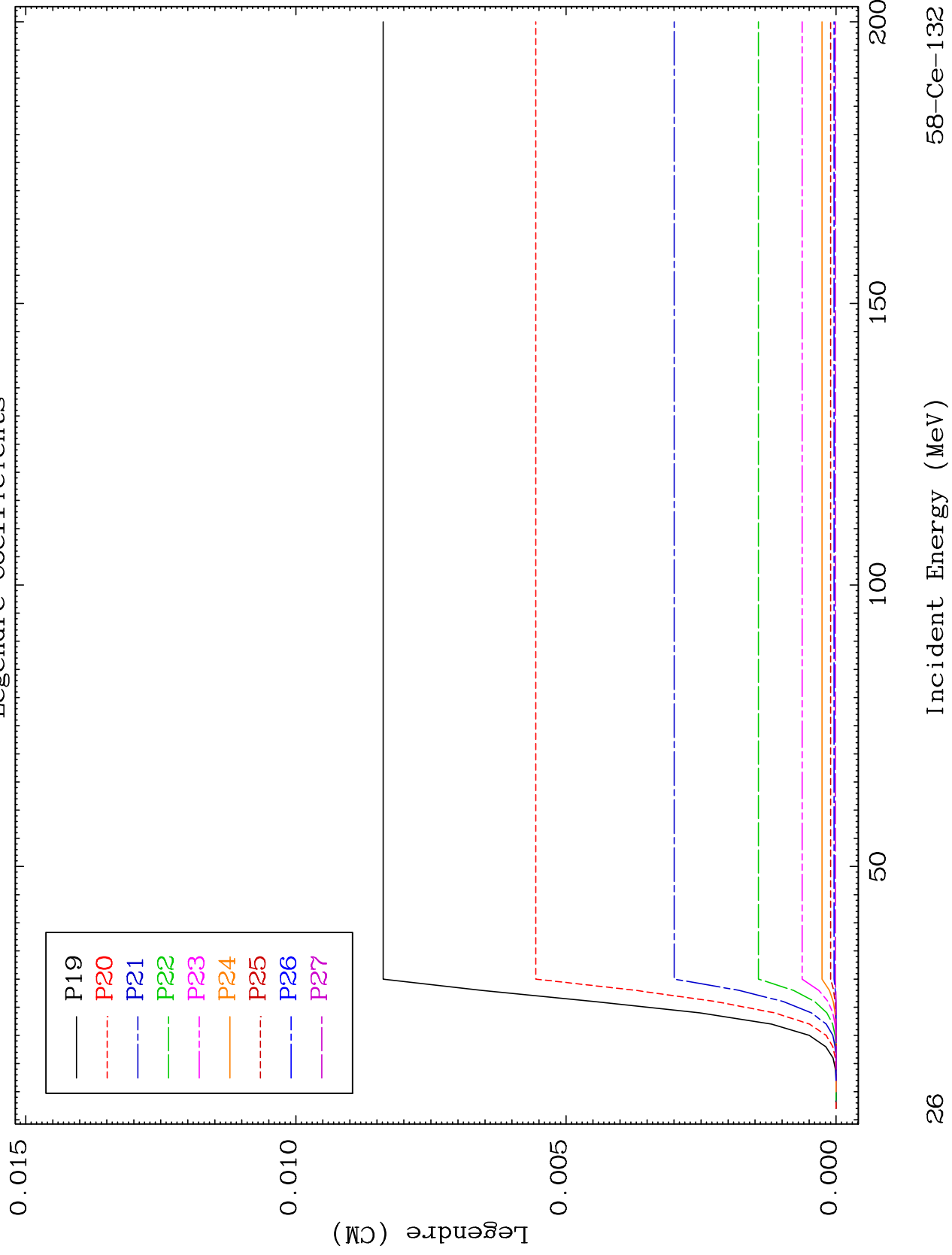
58-Ce-132



MAT 5813

MT= 52 (n,n') Level  
Legendre Coefficients

58-Ce-132



26

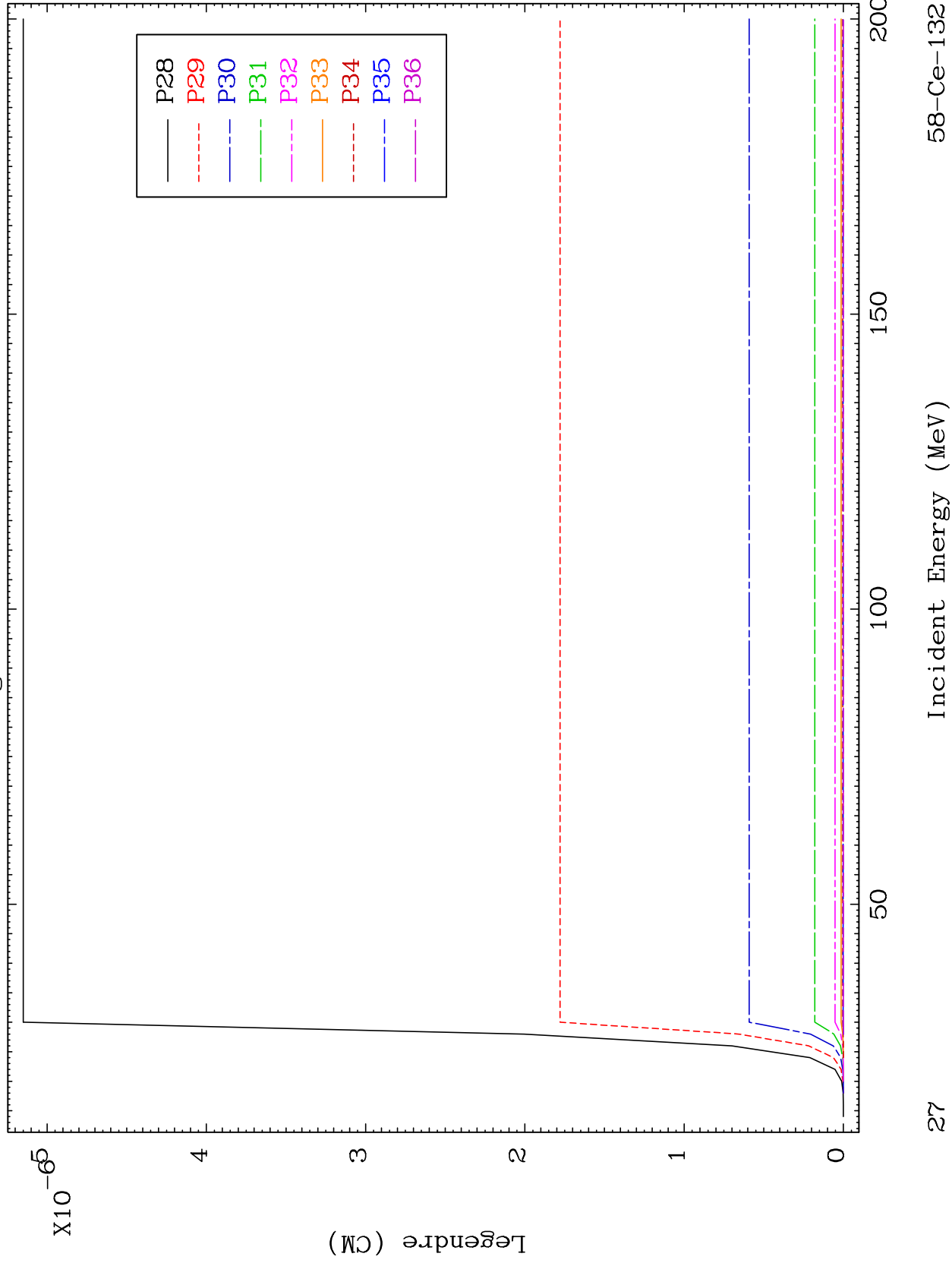
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 52 (n,n') Level  
Legendre Coefficients

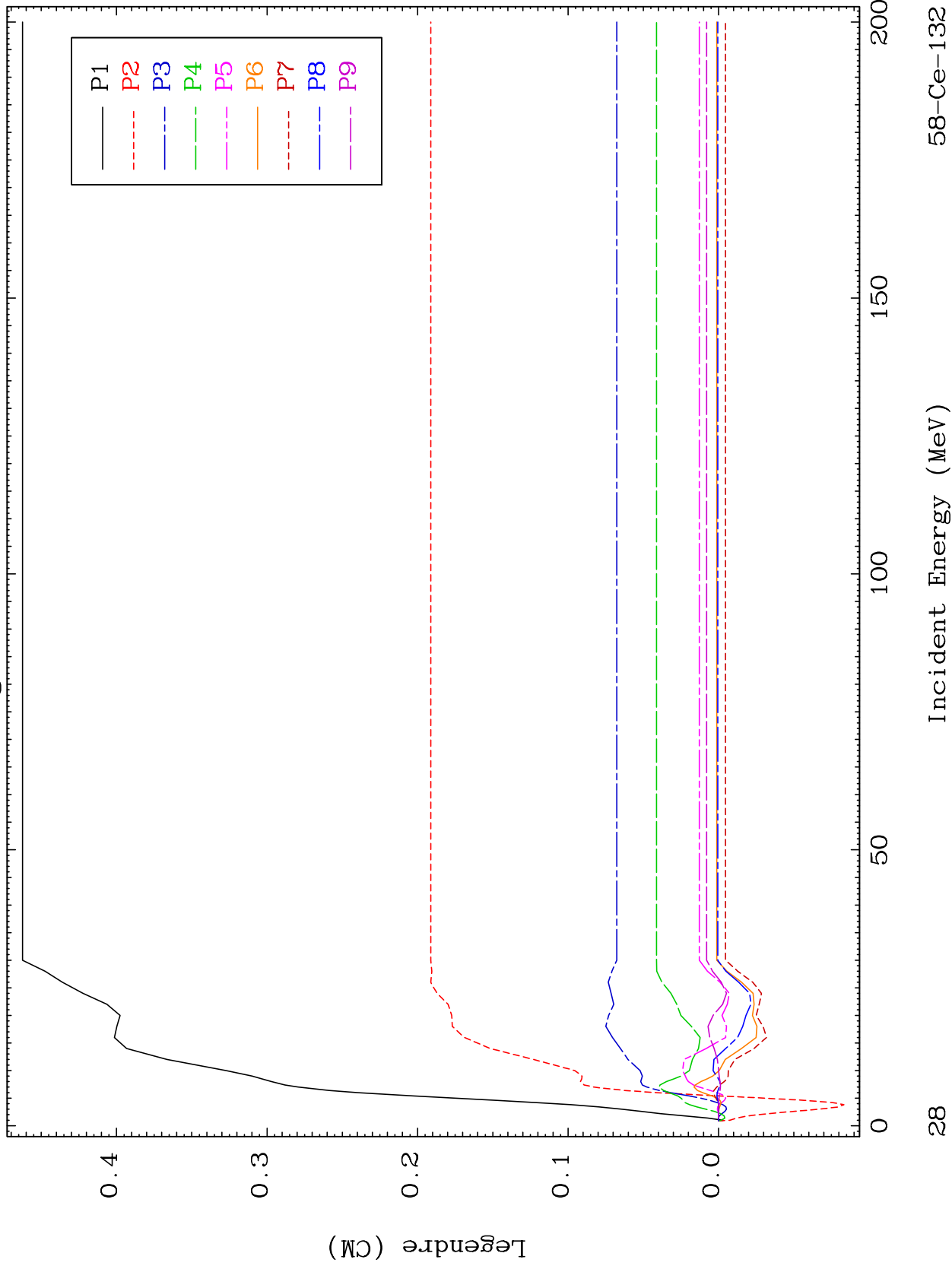
58-Ce-132



MAT 5813

MT= 53 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

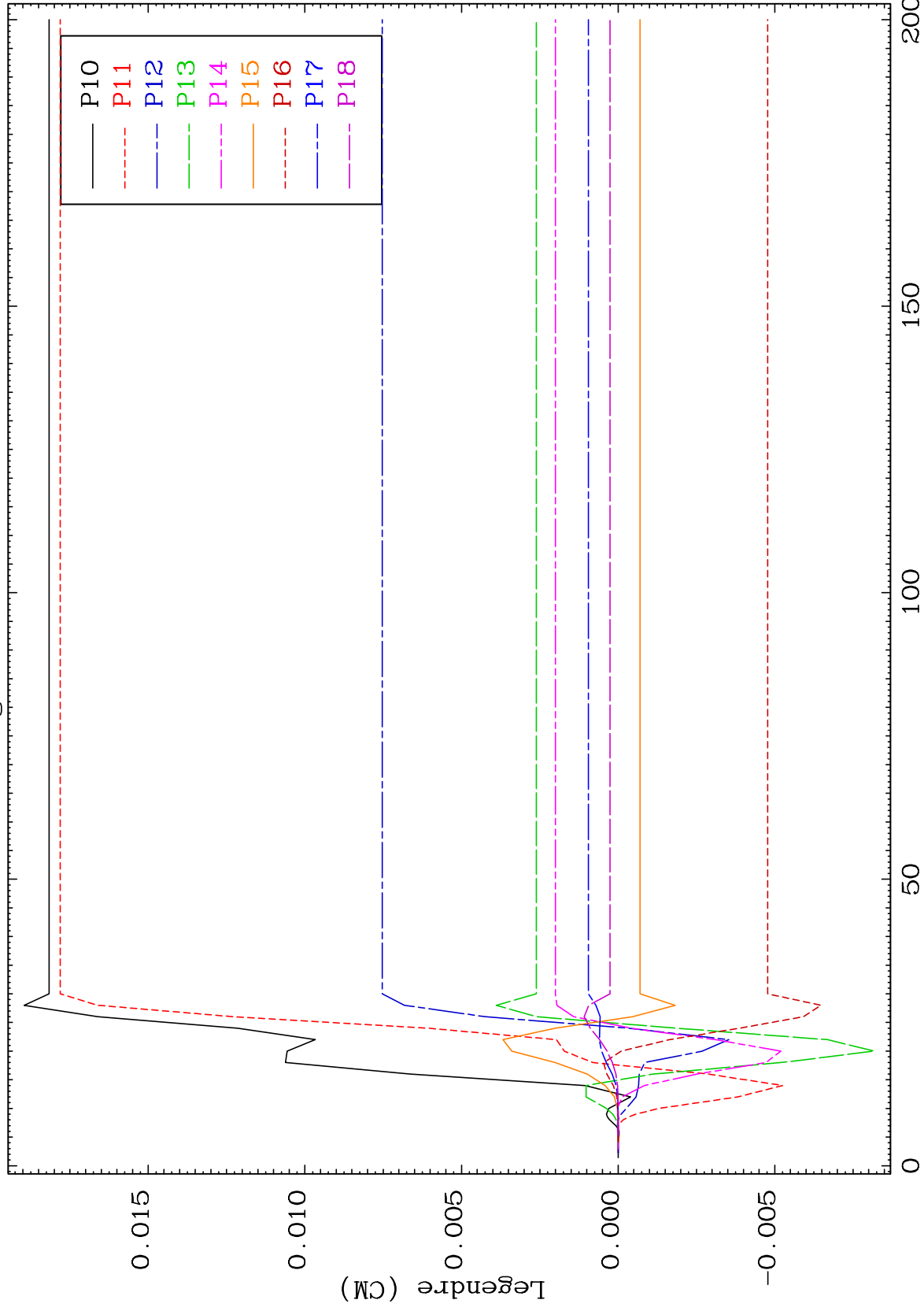
Incident Energy (MeV)

28

MAT 5813

MT= 53 (n,n') Level  
Legendre Coefficients

58-Ce-132



29

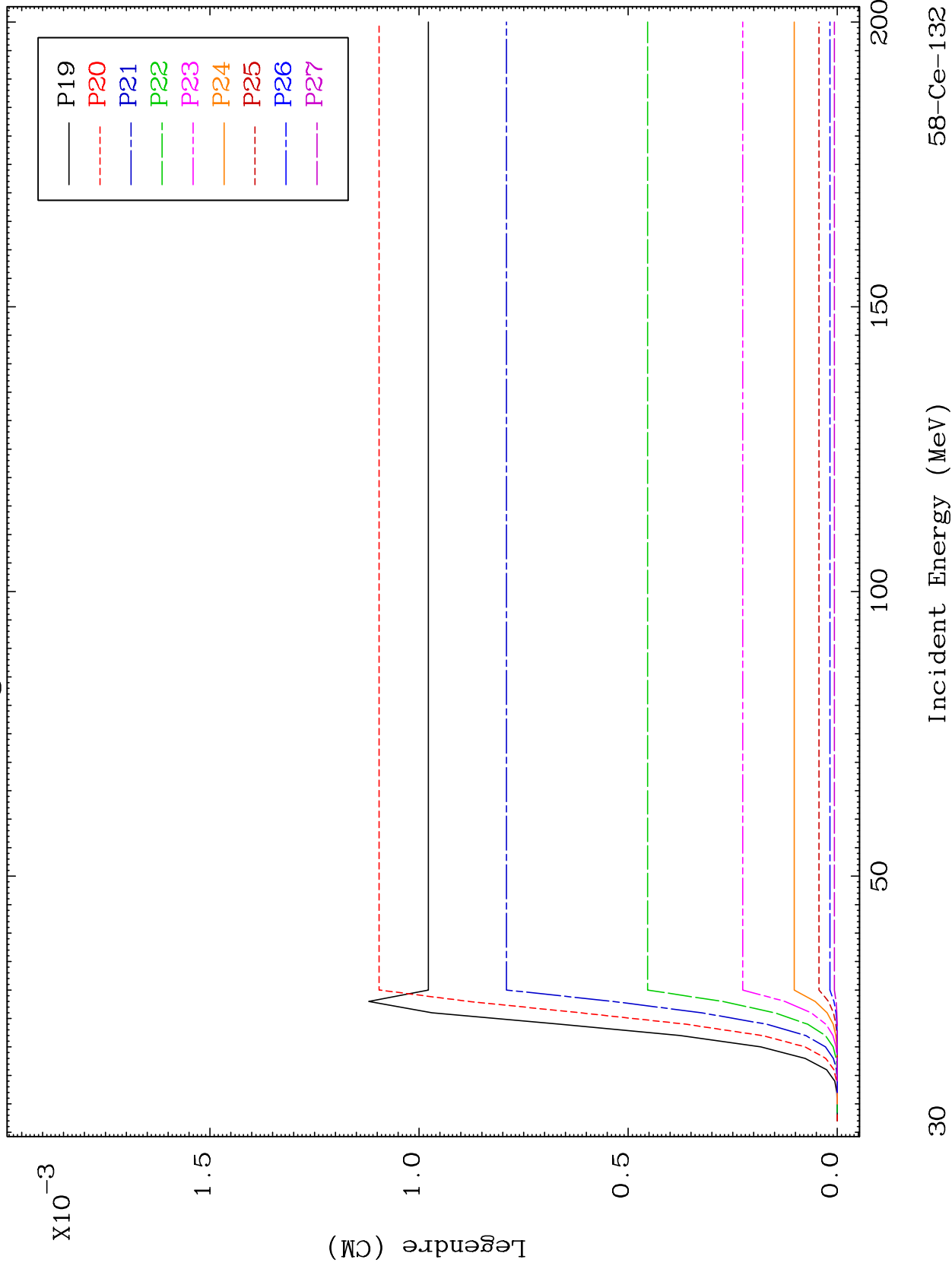
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 53 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

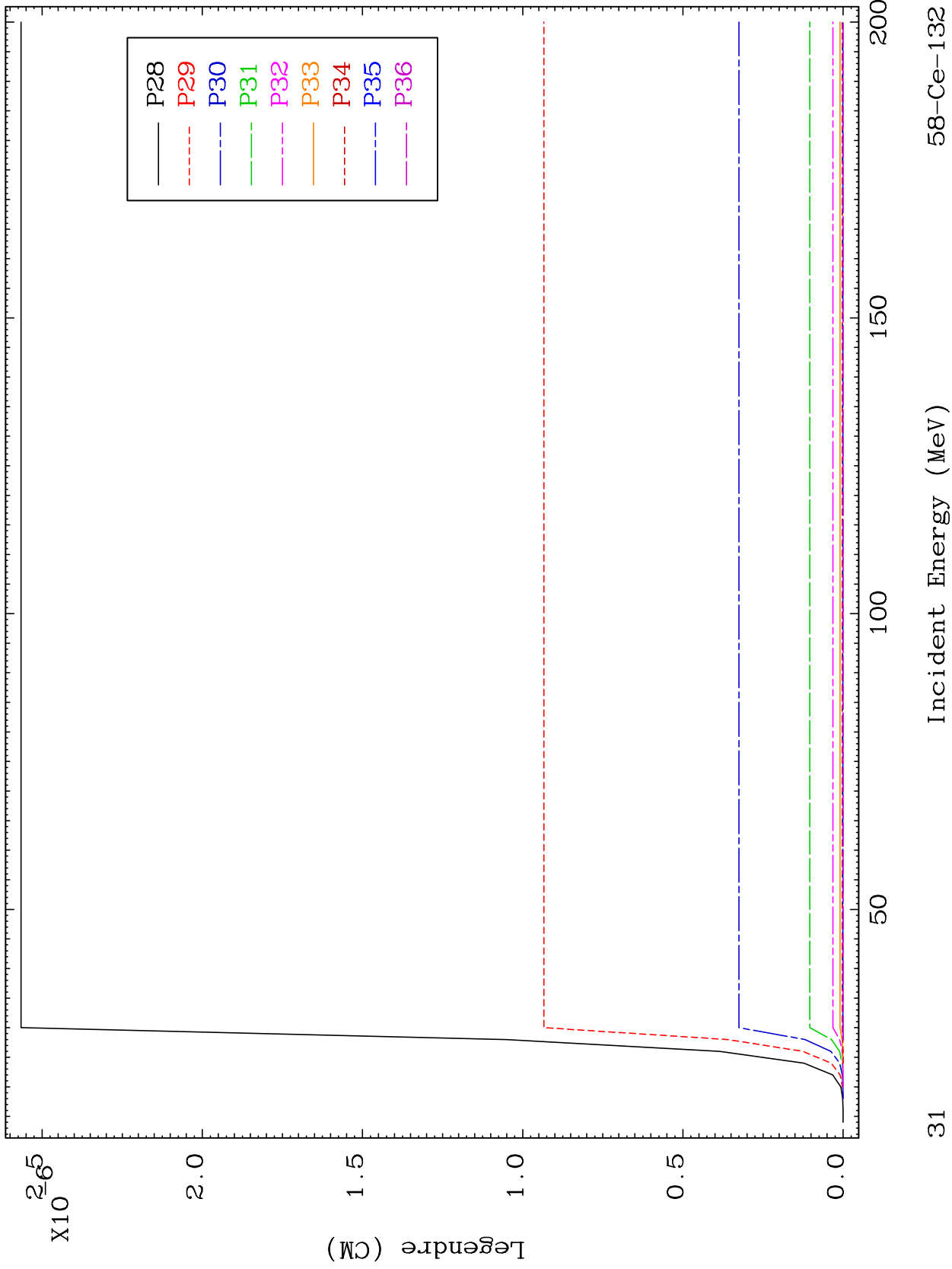
Incident Energy (MeV)

30

MAT 5813

MT= 53 (n,n') Level  
Legendre Coefficients

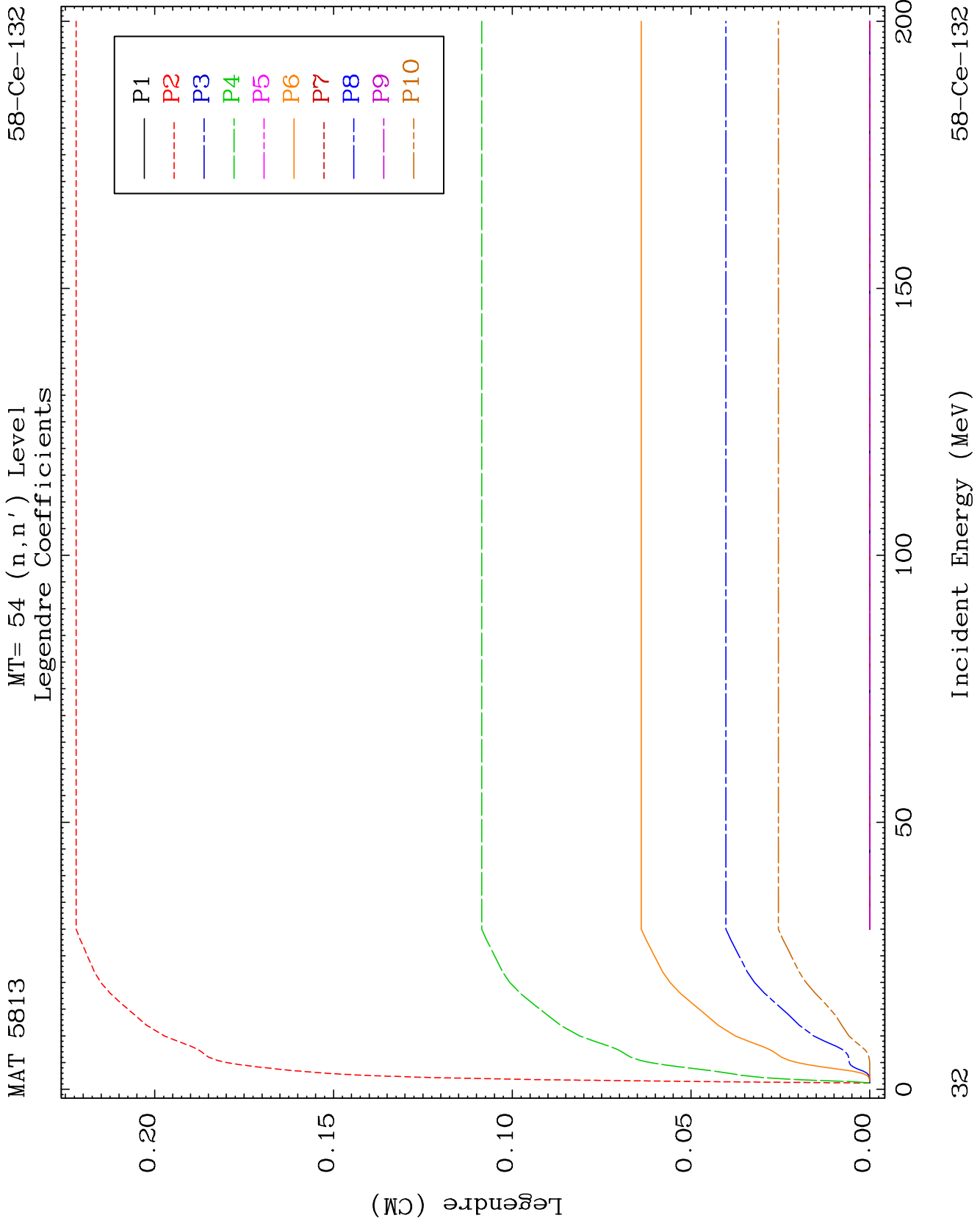
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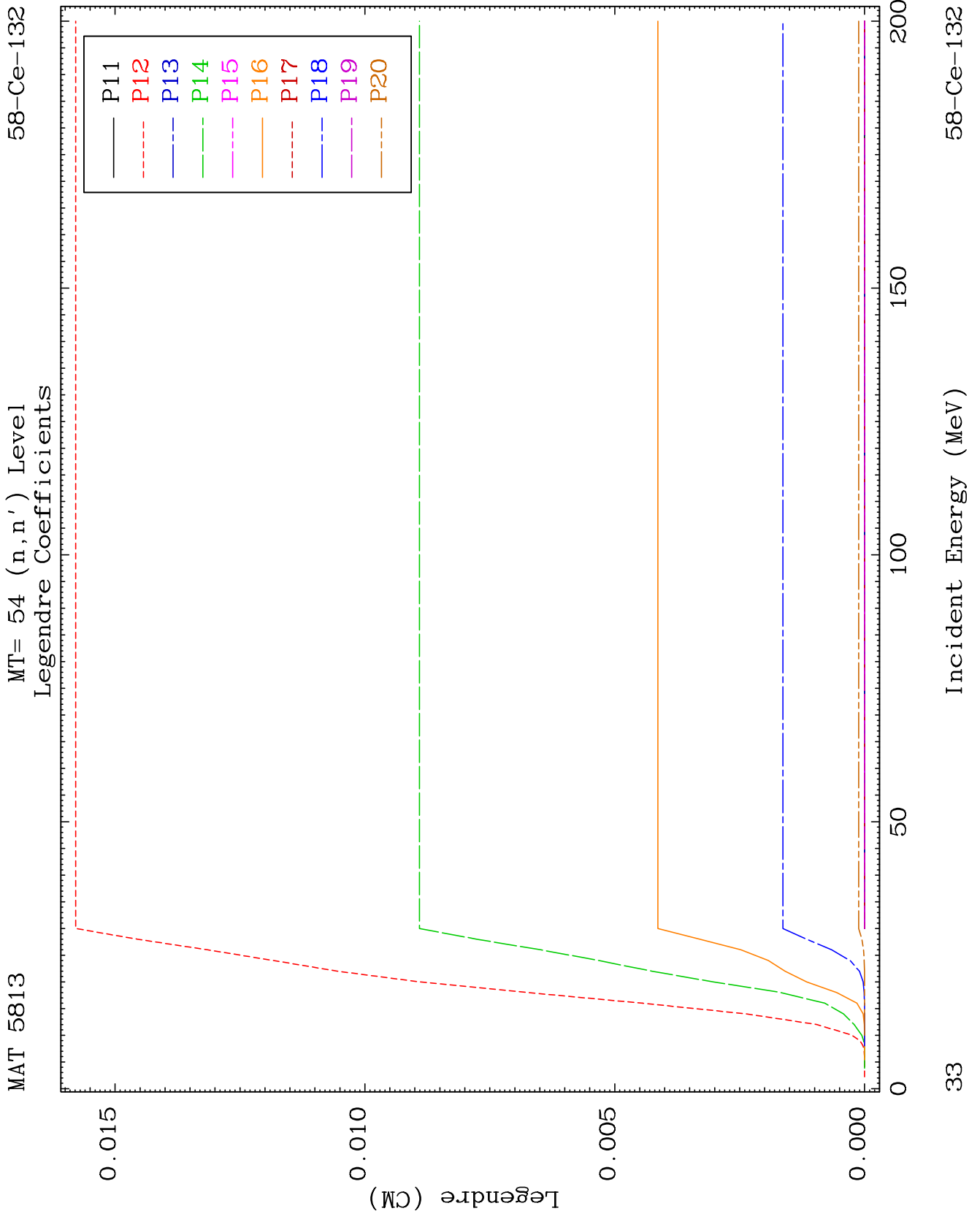


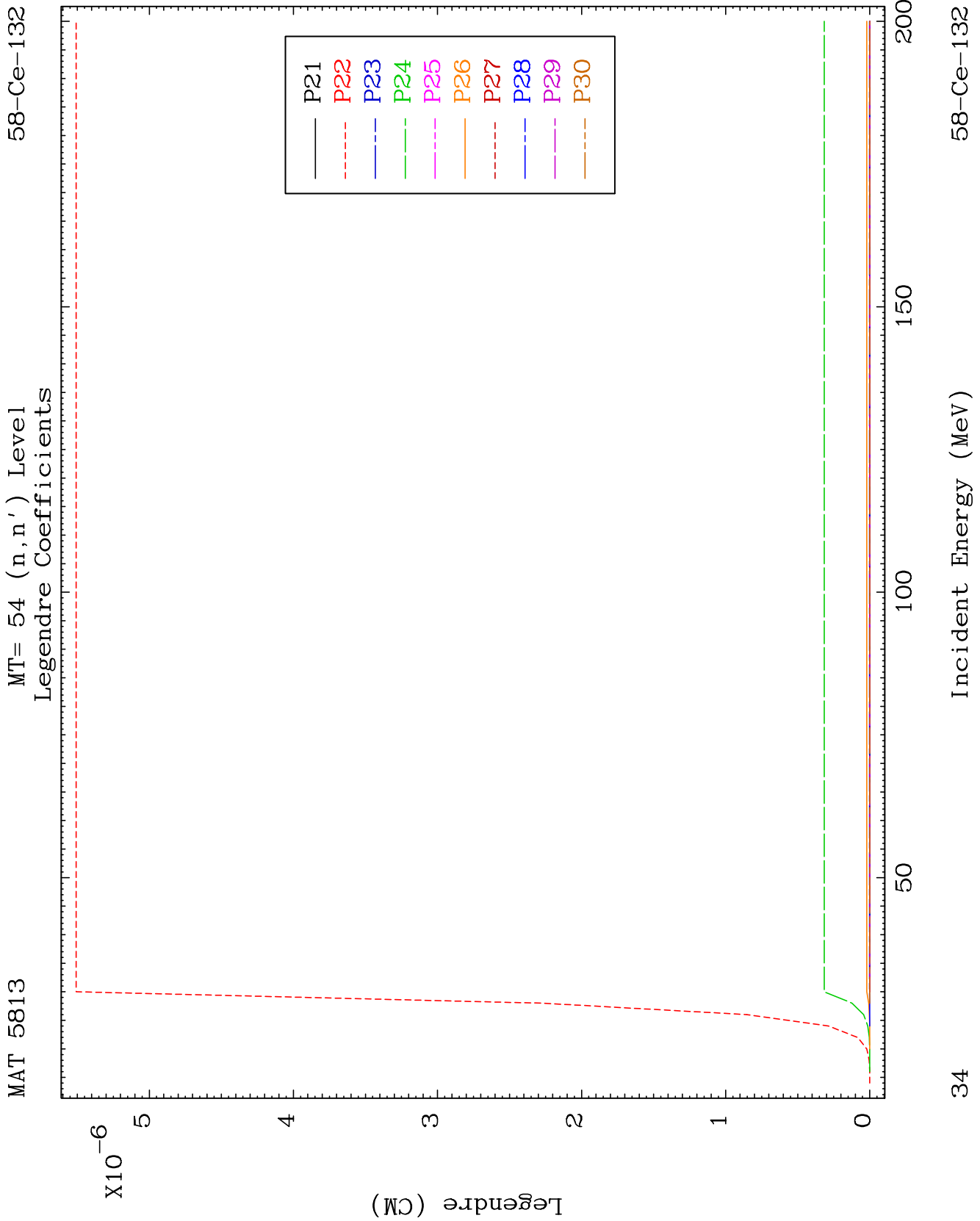
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58-Ce-132







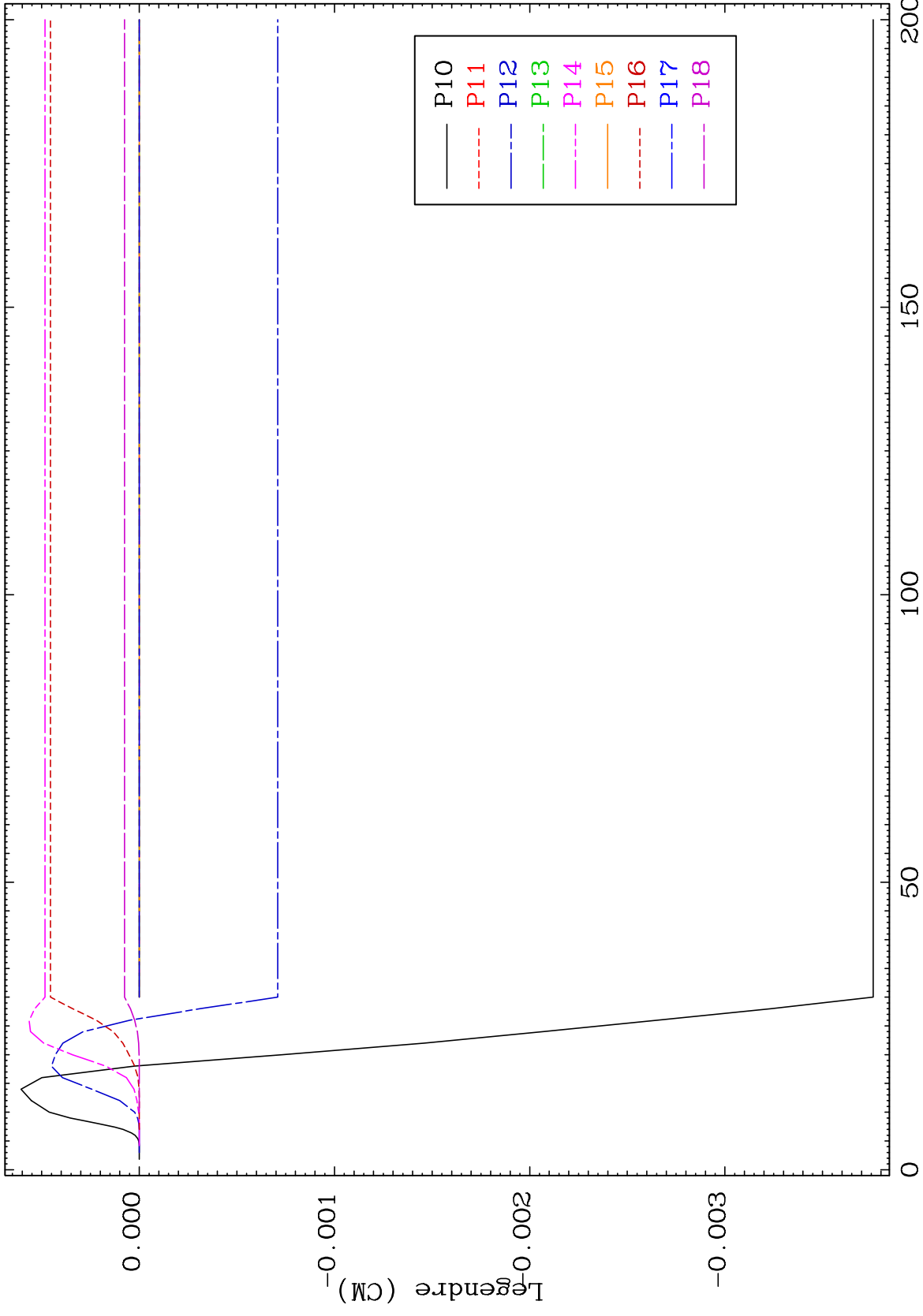




MAT 5813

MT= 55 (n,n') Level  
Legendre Coefficients

58-Ce-132



36

Incident Energy (MeV)

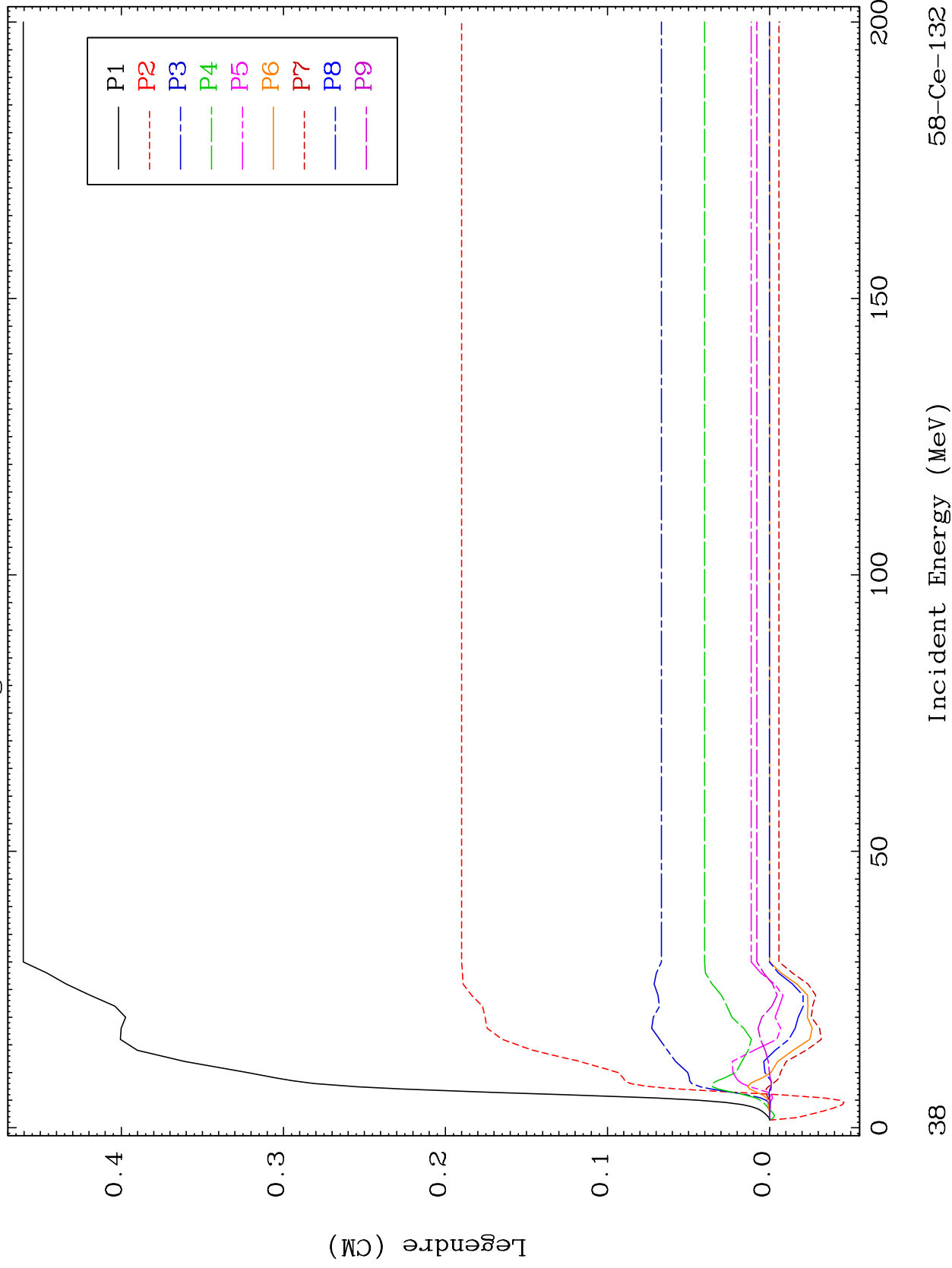
58-Ce-132



MAT 5813

MT= 56 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

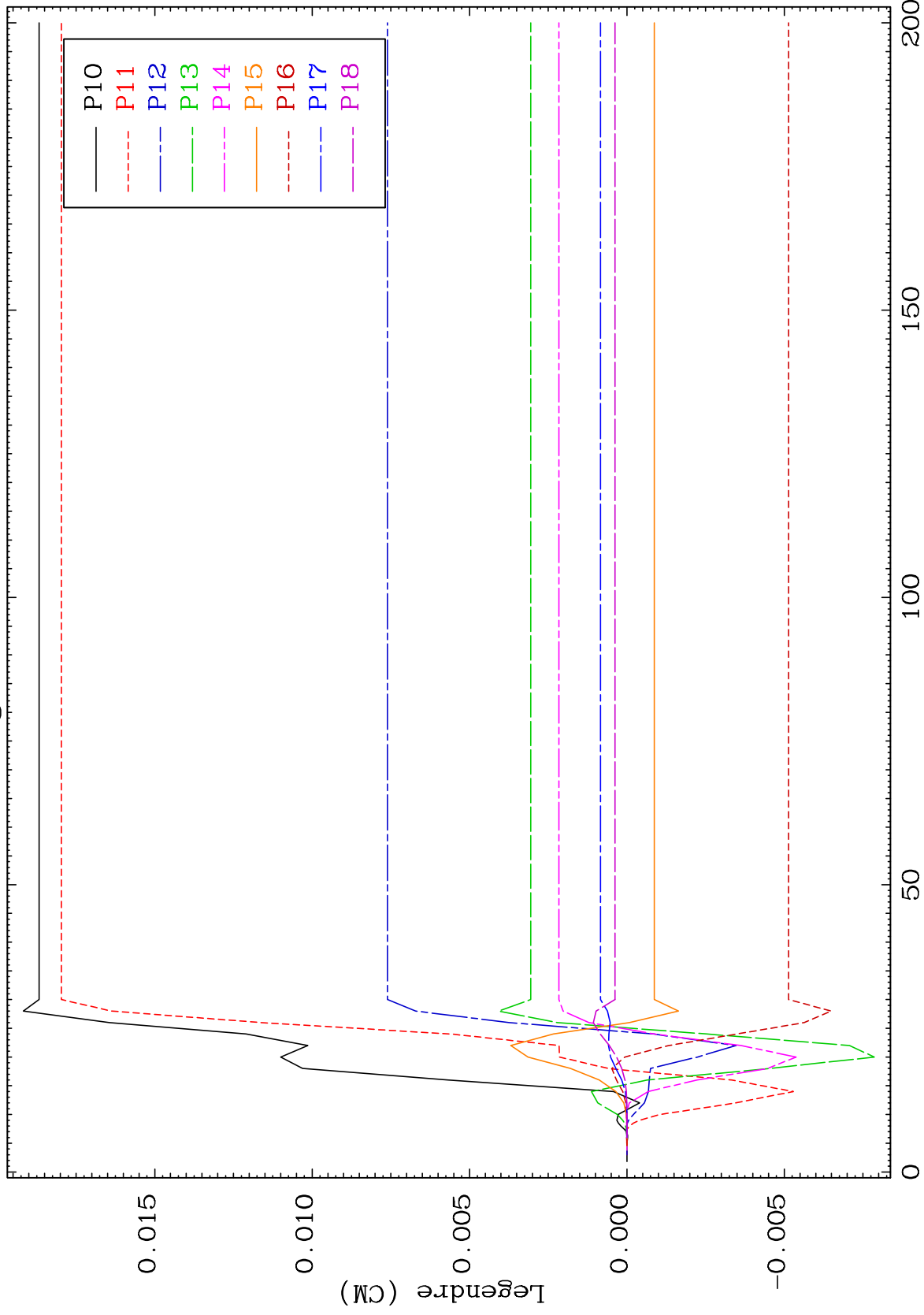
Incident Energy (MeV)

38

MAT 5813

MT= 56 (n,n') Level  
Legendre Coefficients

58-Ce-132



39

Incident Energy (MeV)

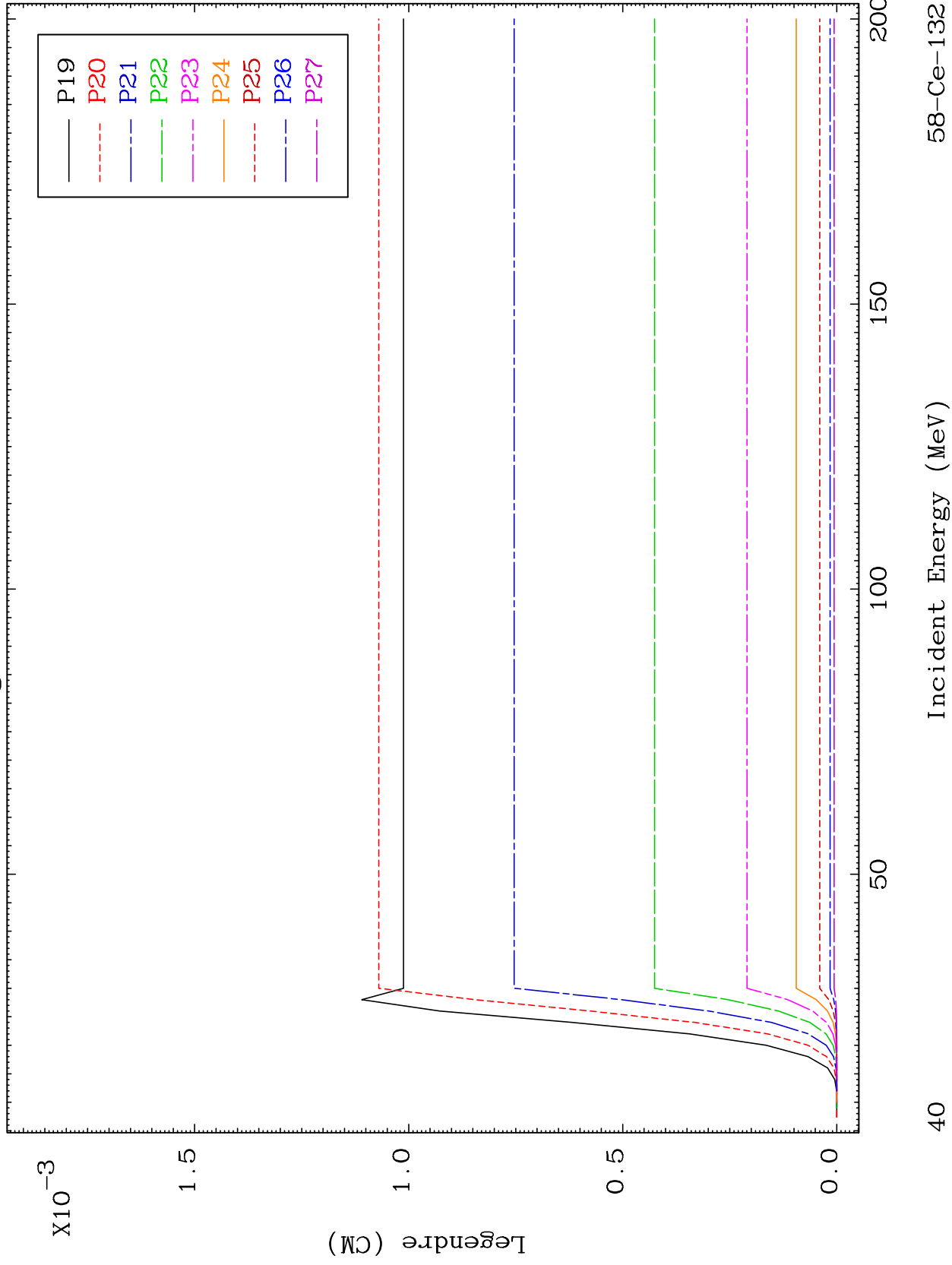
58-Ce-132



MAT 5813

MT= 56 (n,n') Level  
Legendre Coefficients

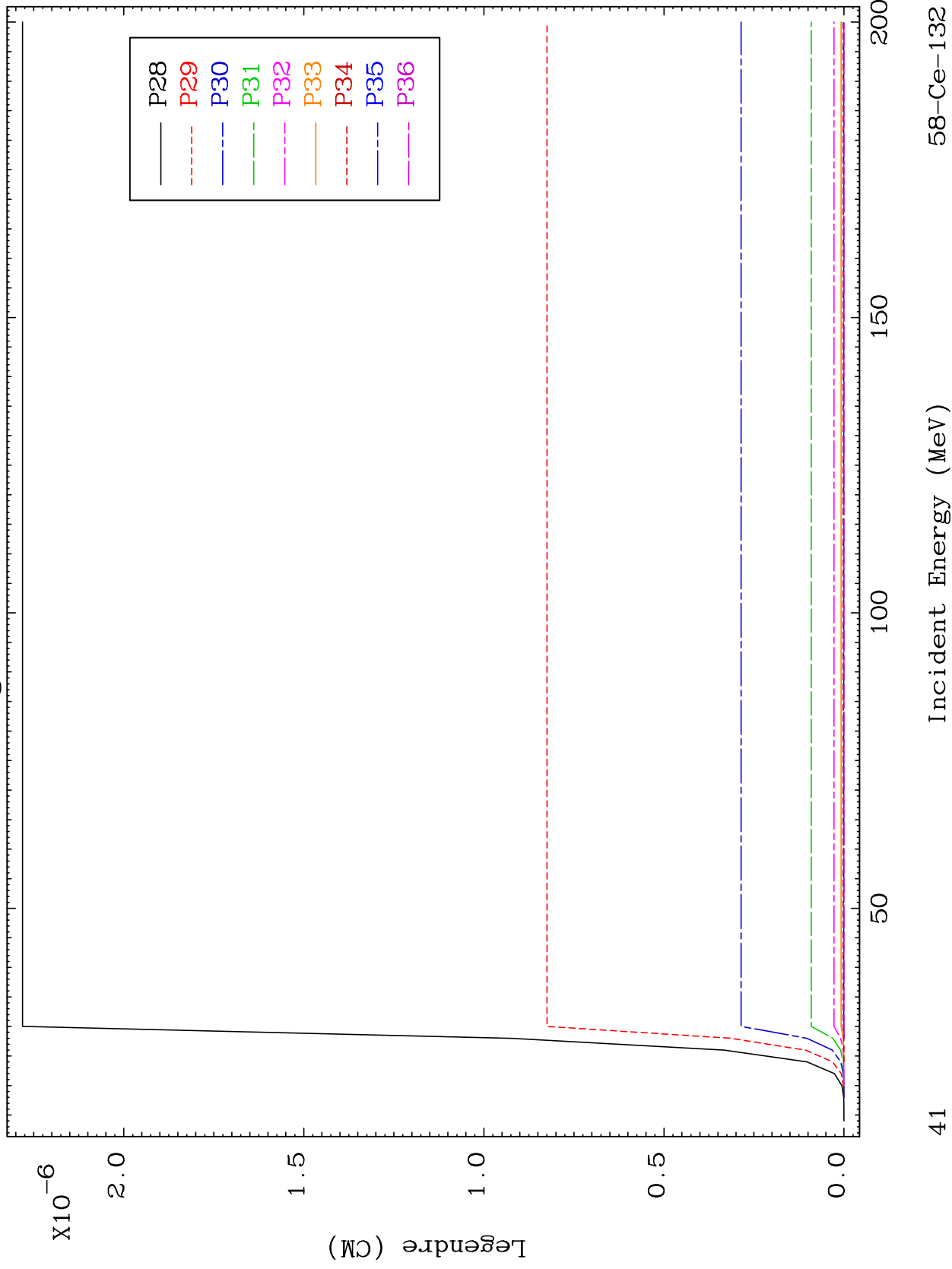
58-Ce-132



MAT 5813

MT= 56 (n,n') Level  
Legendre Coefficients

58-Ce-132



41

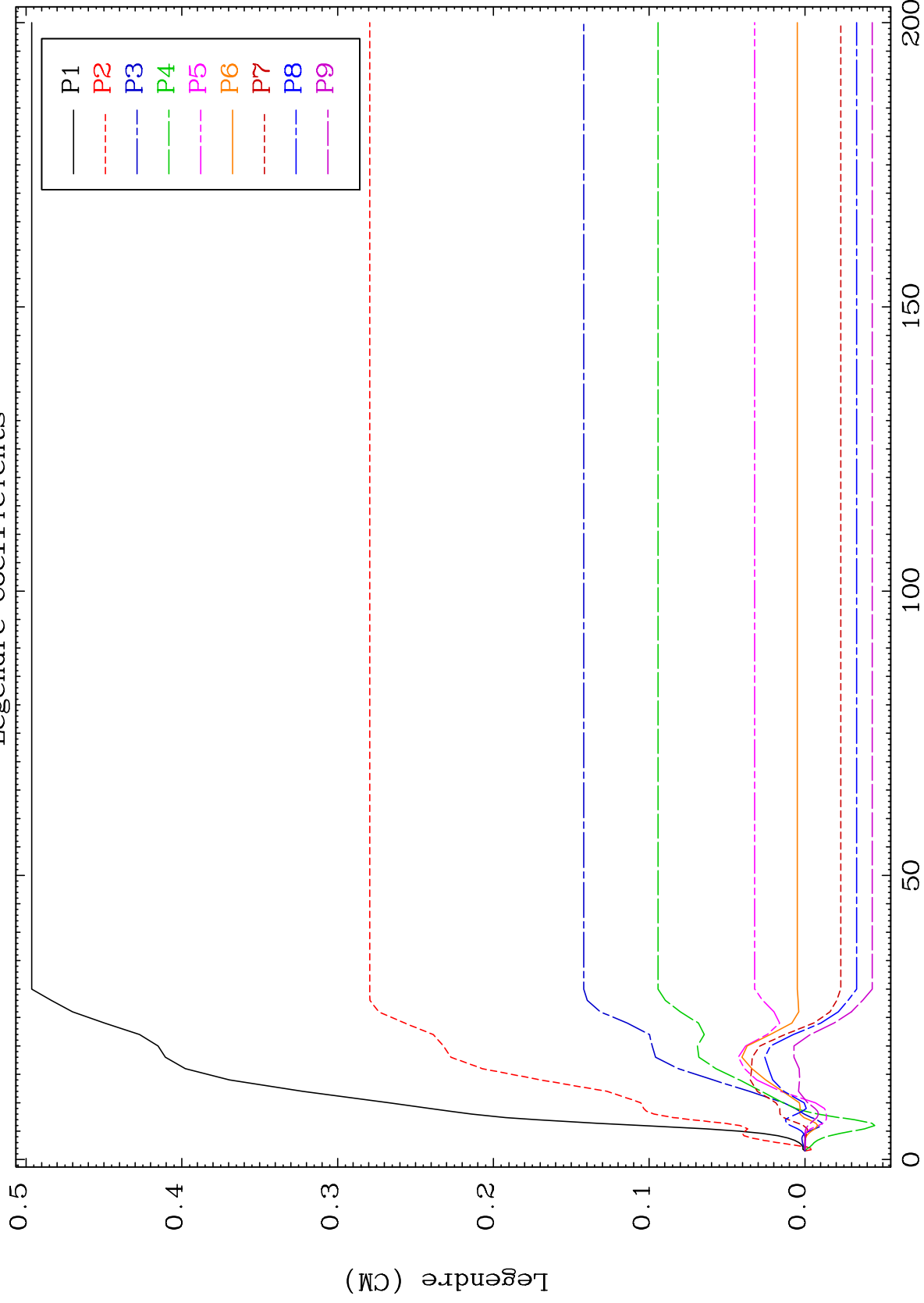
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 57 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

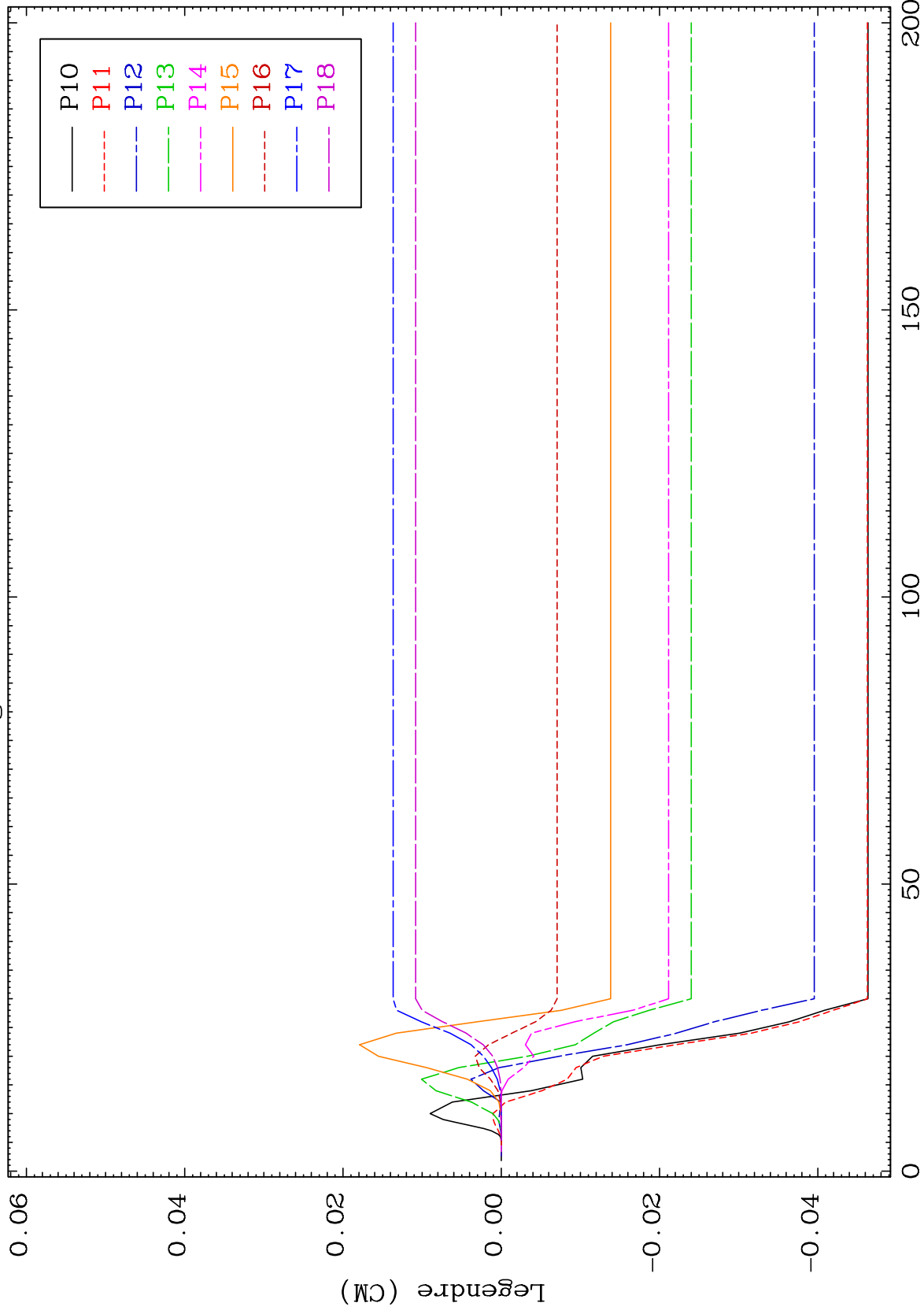
Incident Energy (MeV)

42

MAT 5813

MT= 57 (n,n') Level  
Legendre Coefficients

58-Ce-132



43

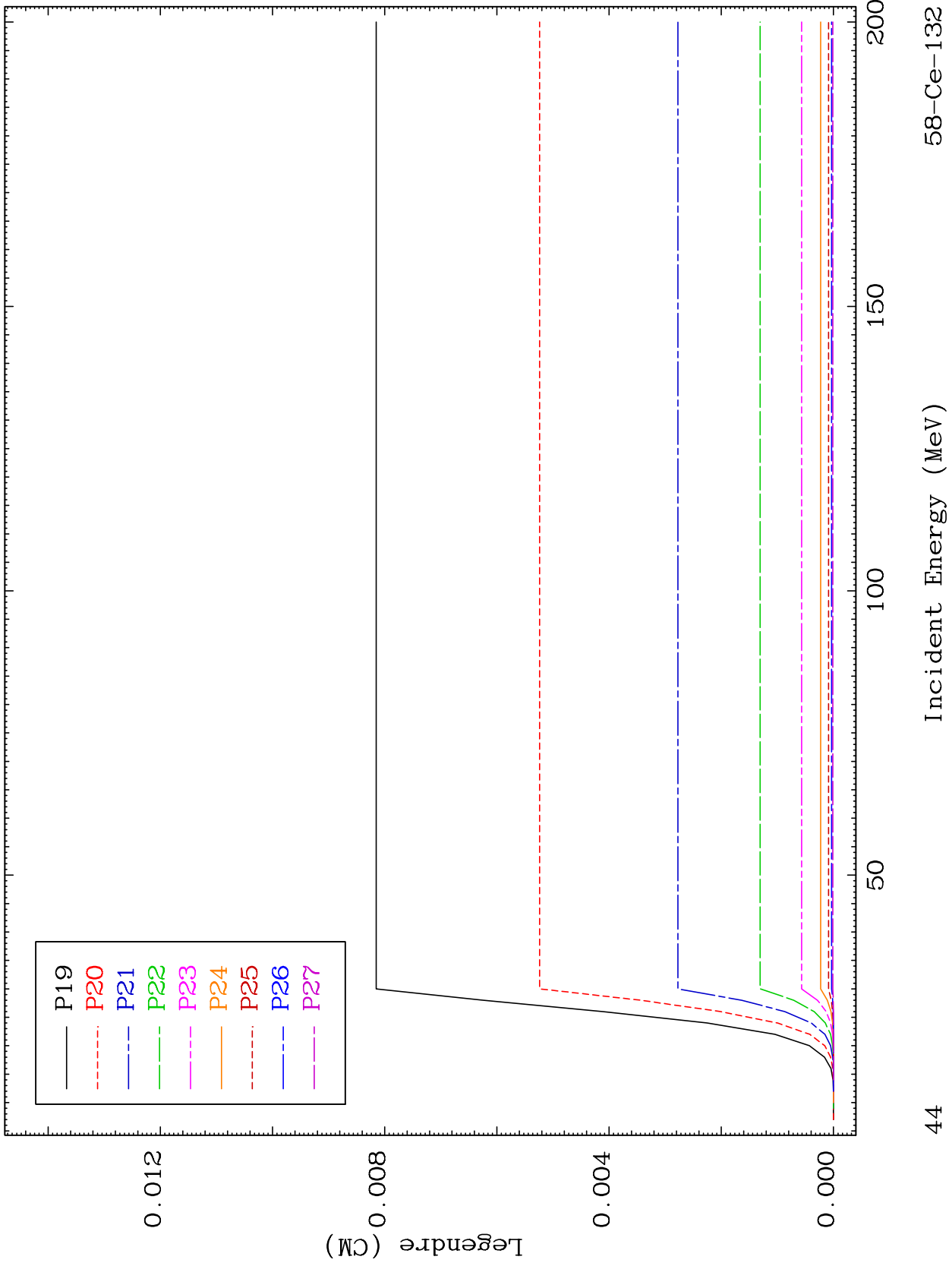
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 57 (n,n') Level  
Legendre Coefficients

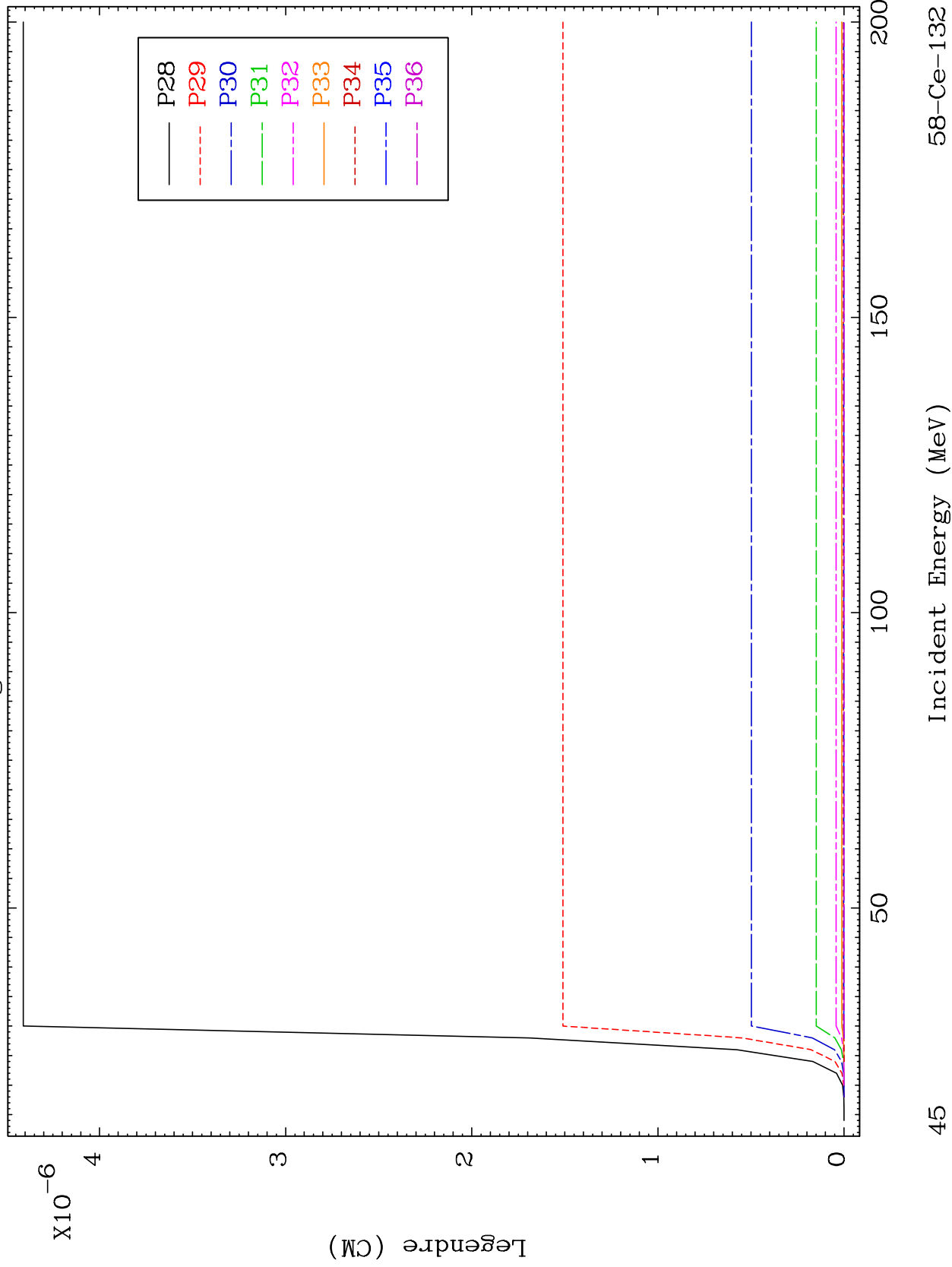
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MAT 5813

MT= 57 (n,n') Level  
Legendre Coefficients

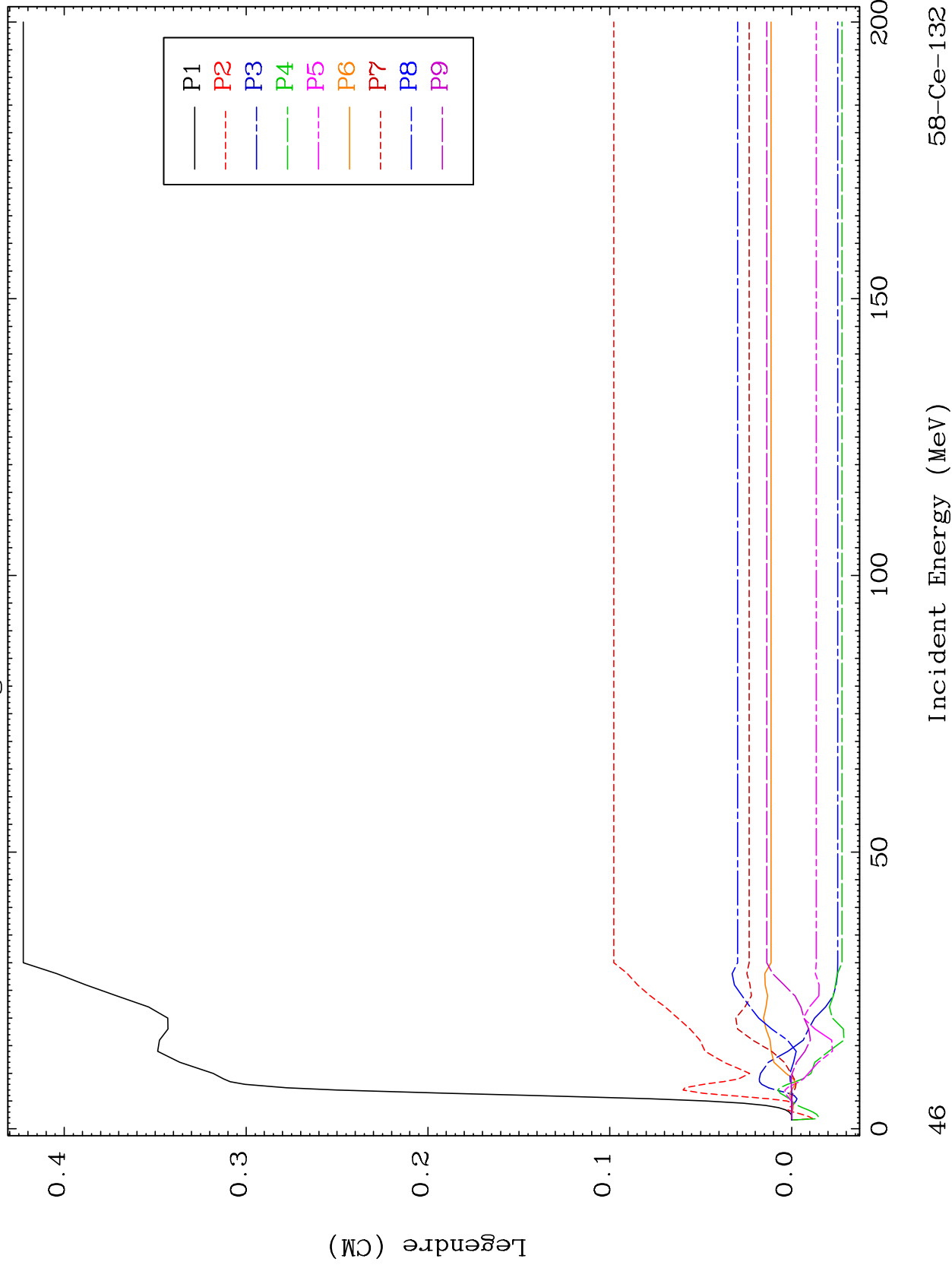
58-Ce-132



MAT 5813

MT= 58 (n,n') Level  
Legendre Coefficients

58-Ce-132



46

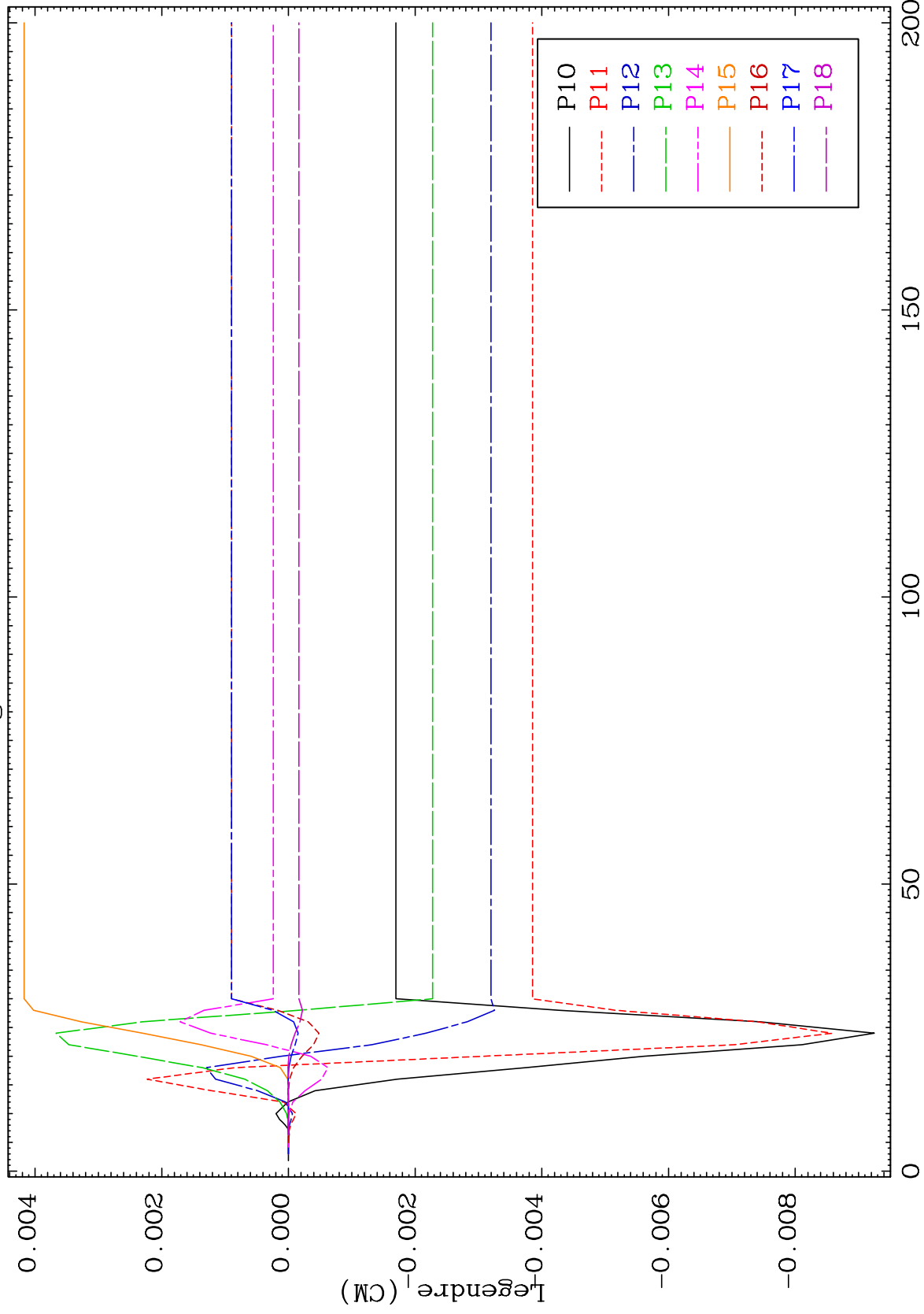
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 58 (n,n') Level  
Legendre Coefficients

58-Ce-132

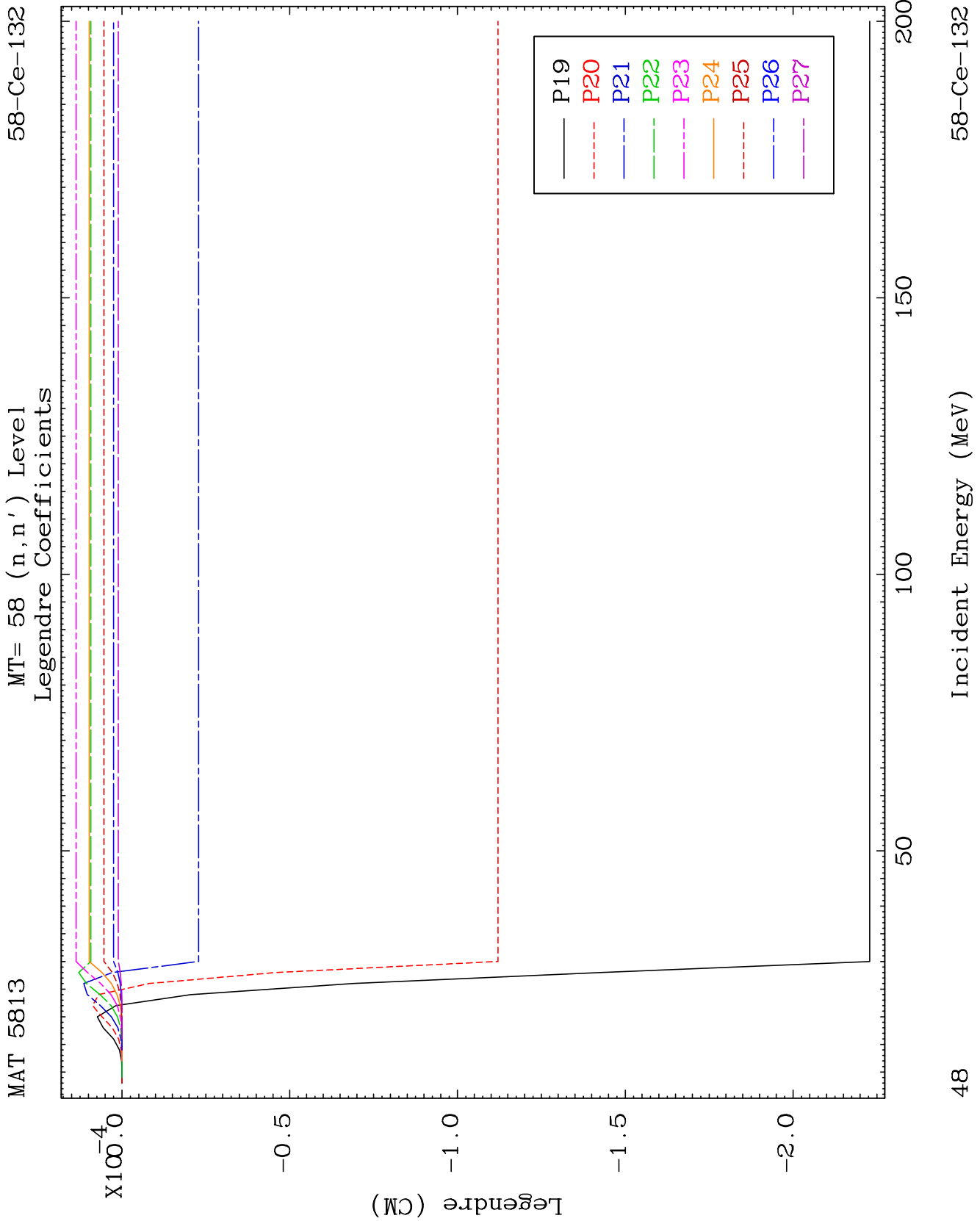


47

Incident Energy (MeV)

58-Ce-132

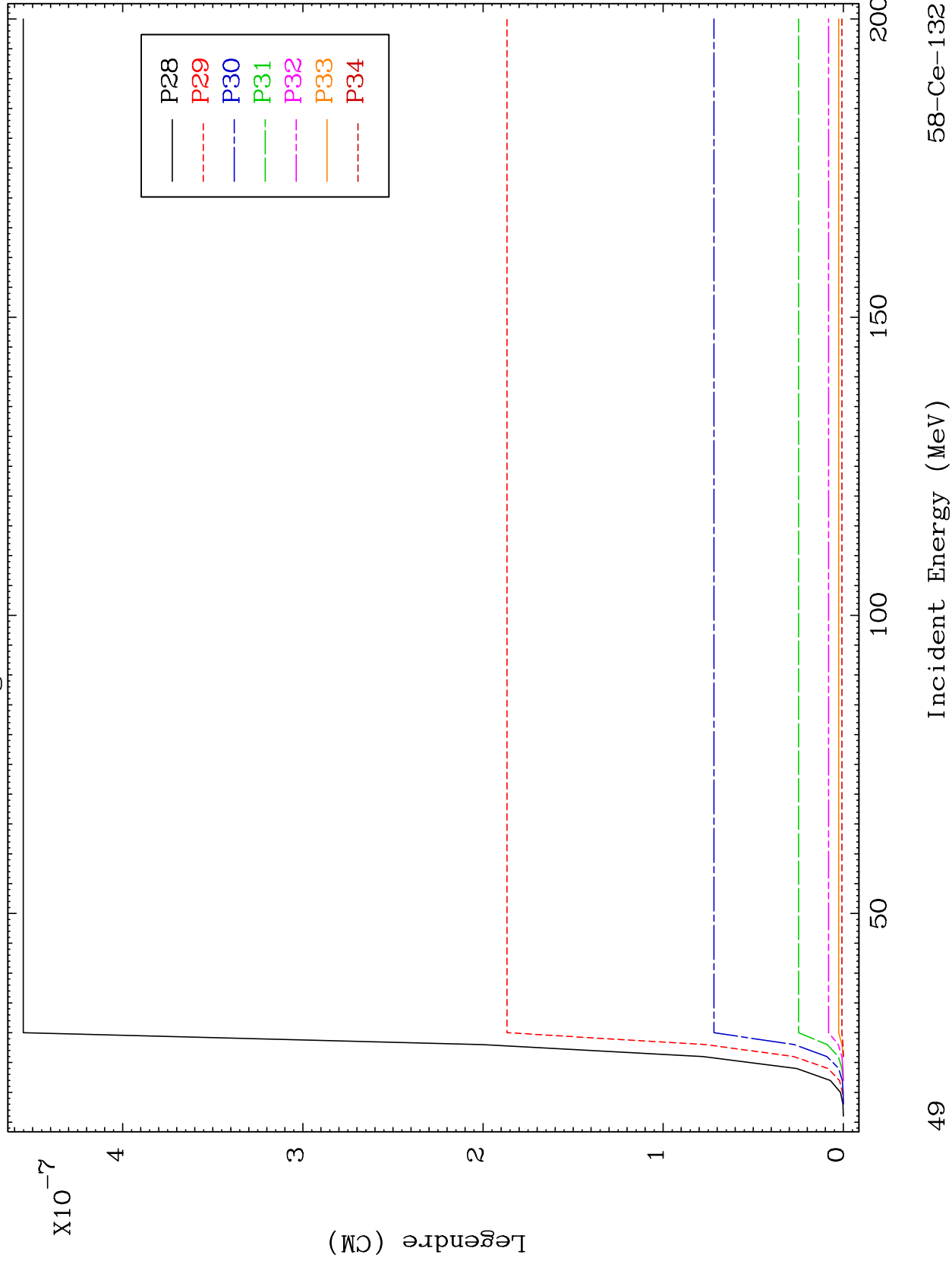


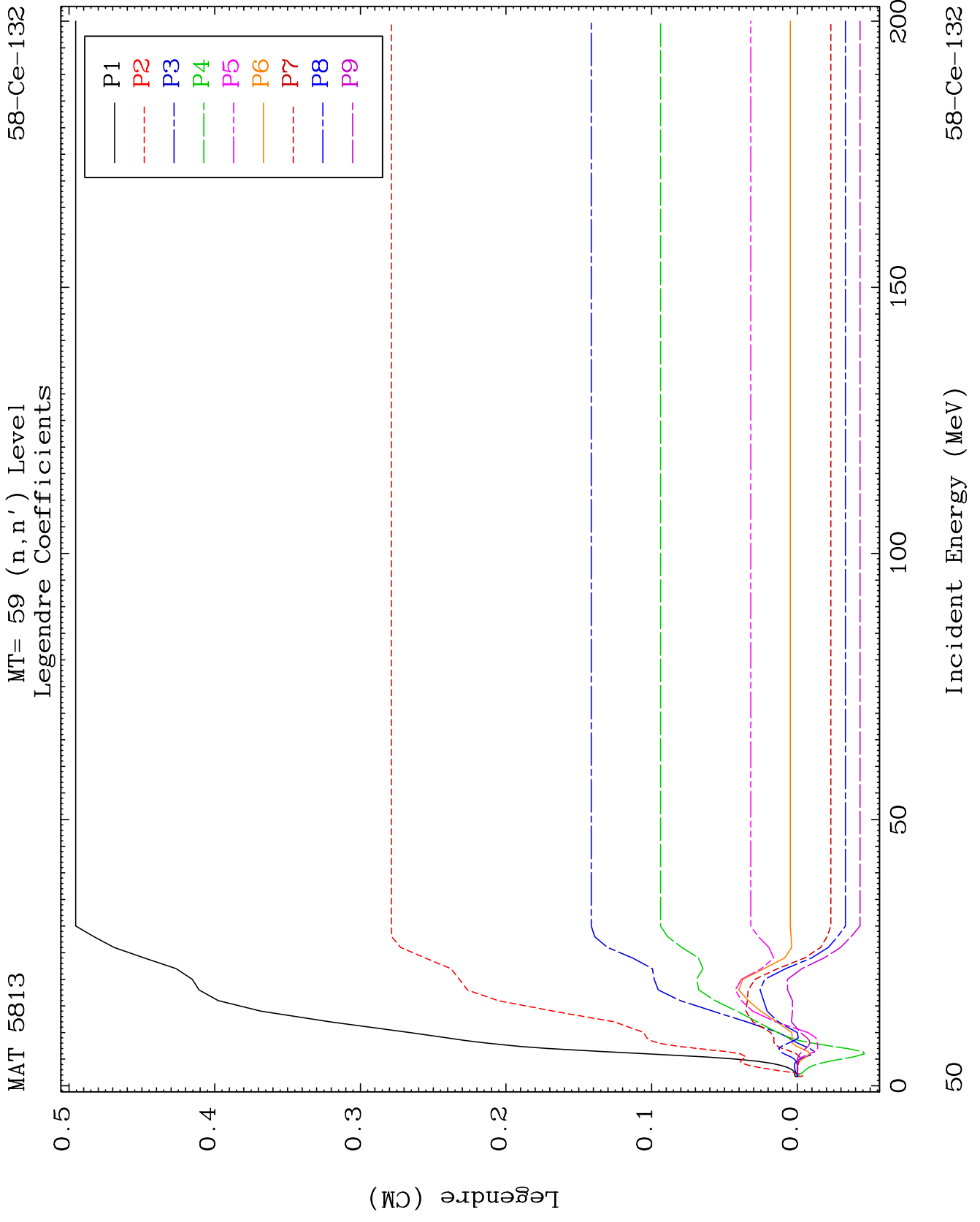


MAT 5813

MT= 58 (n,n') Level  
Legendre Coefficients

58-Ce-132

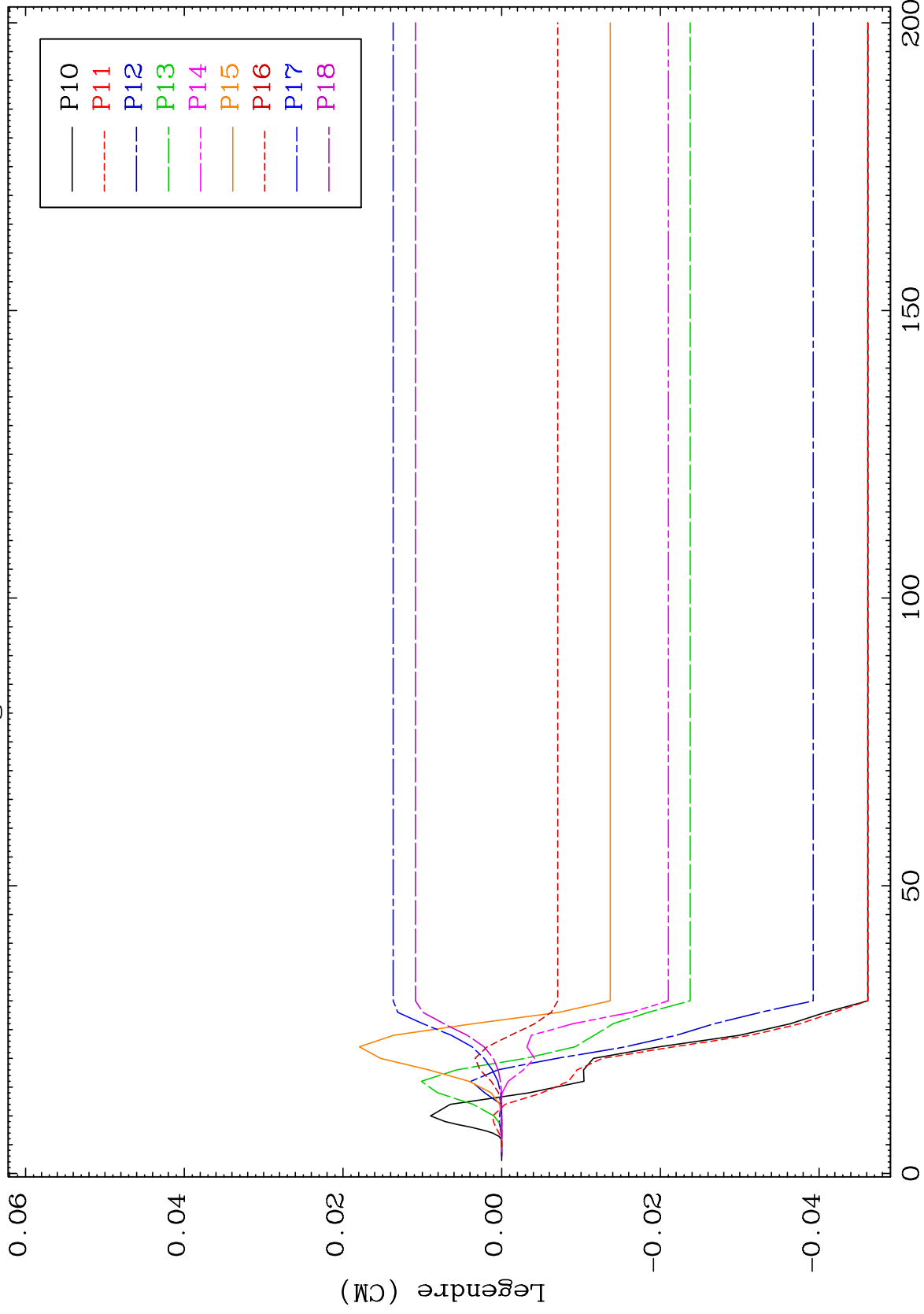




MAT 5813

MT= 59 (n,n') Level  
Legendre Coefficients

58-Ce-132



51

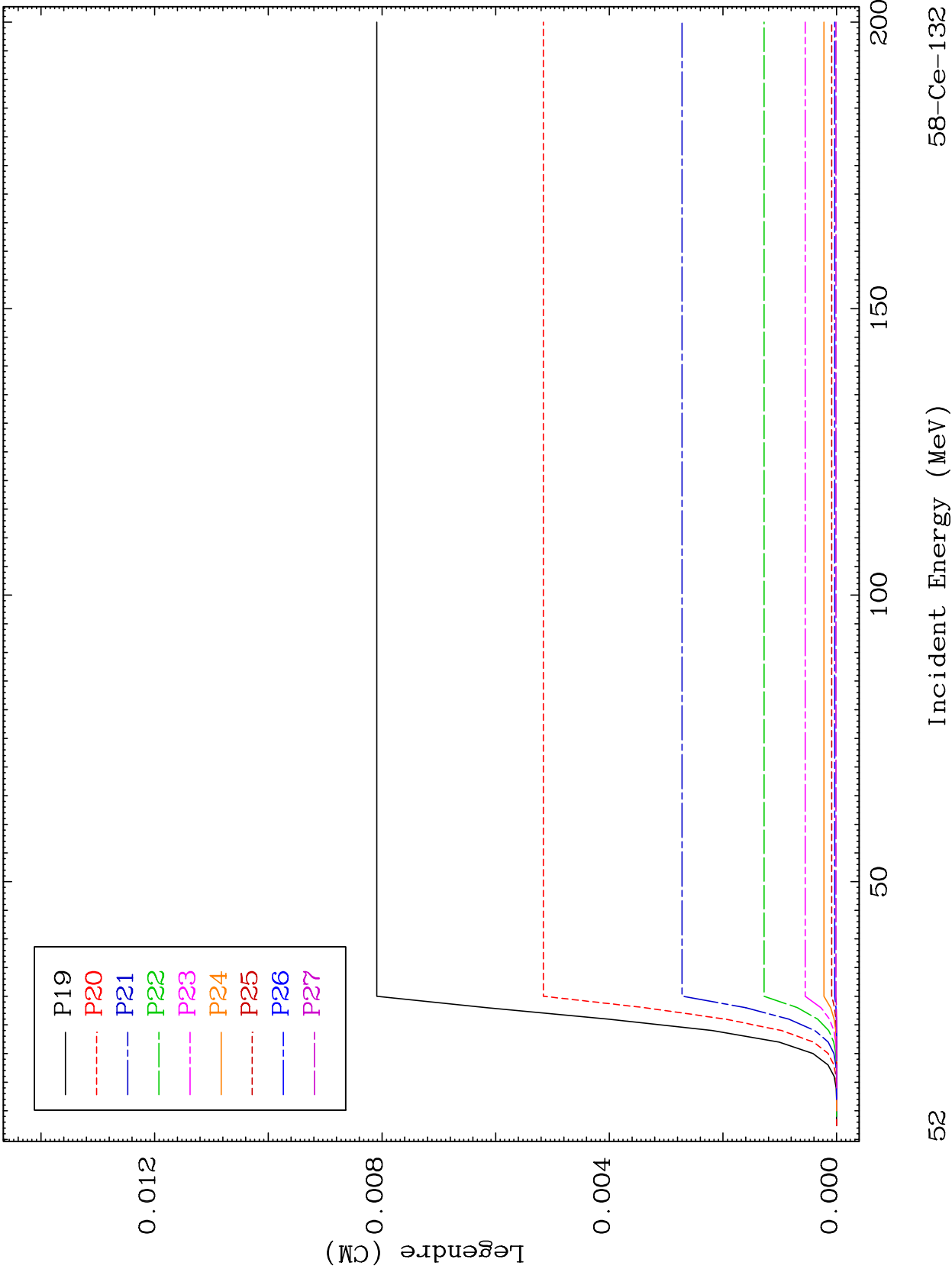
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 59 (n,n') Level  
Legendre Coefficients

58-Ce-132



52

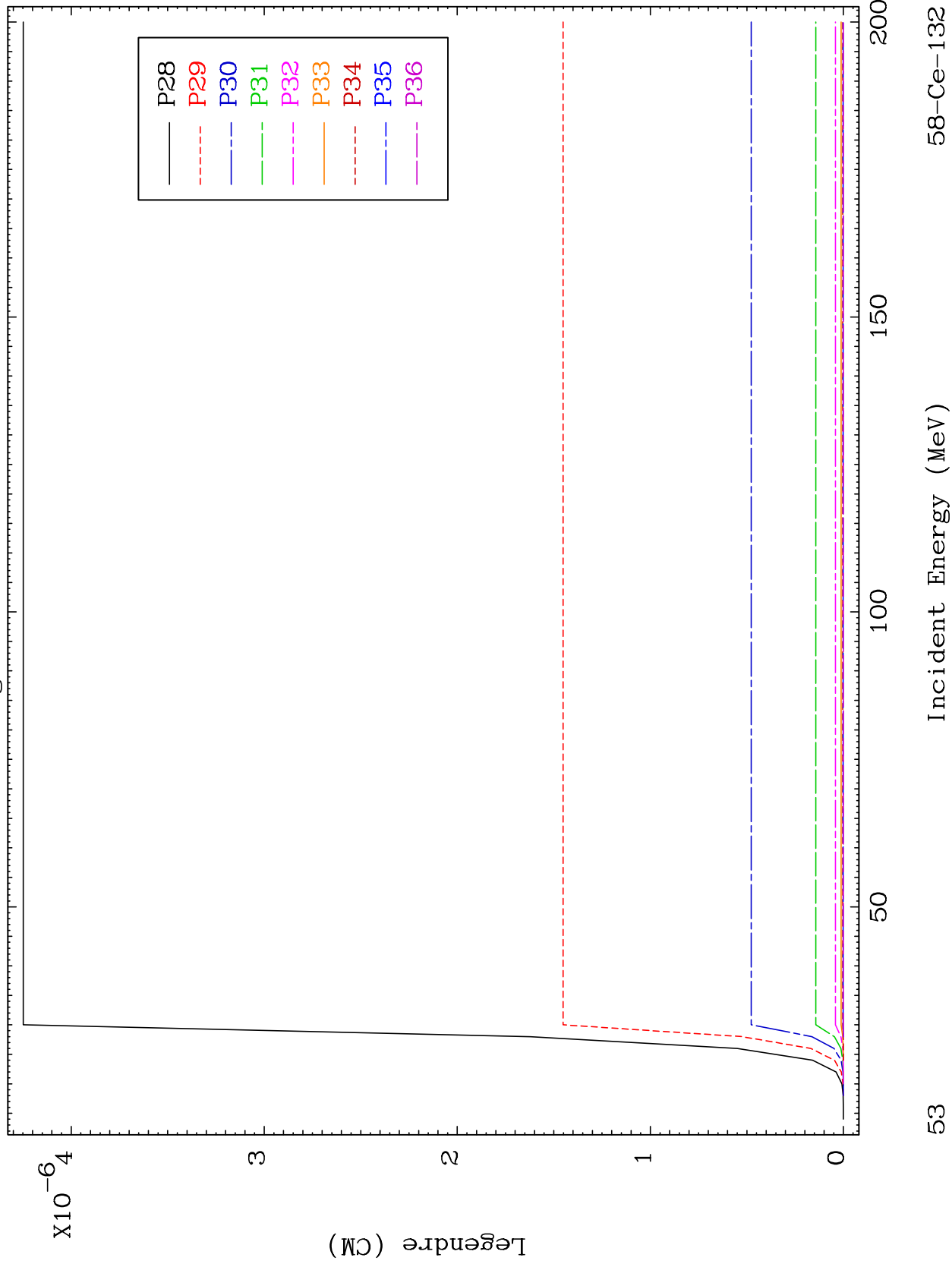
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 59 (n,n') Level  
Legendre Coefficients

58-Ce-132

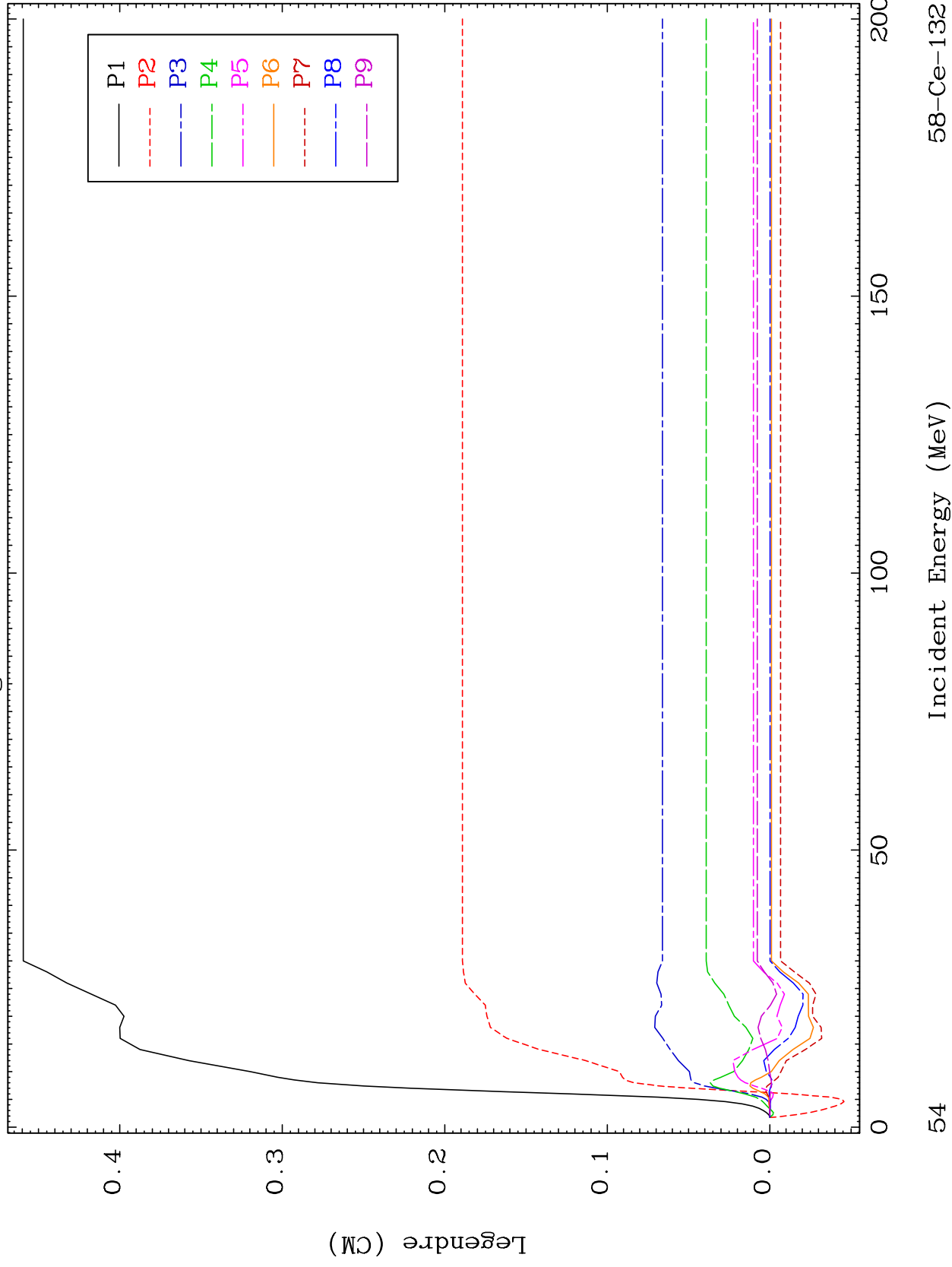


53

MAT 5813

MT= 60 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

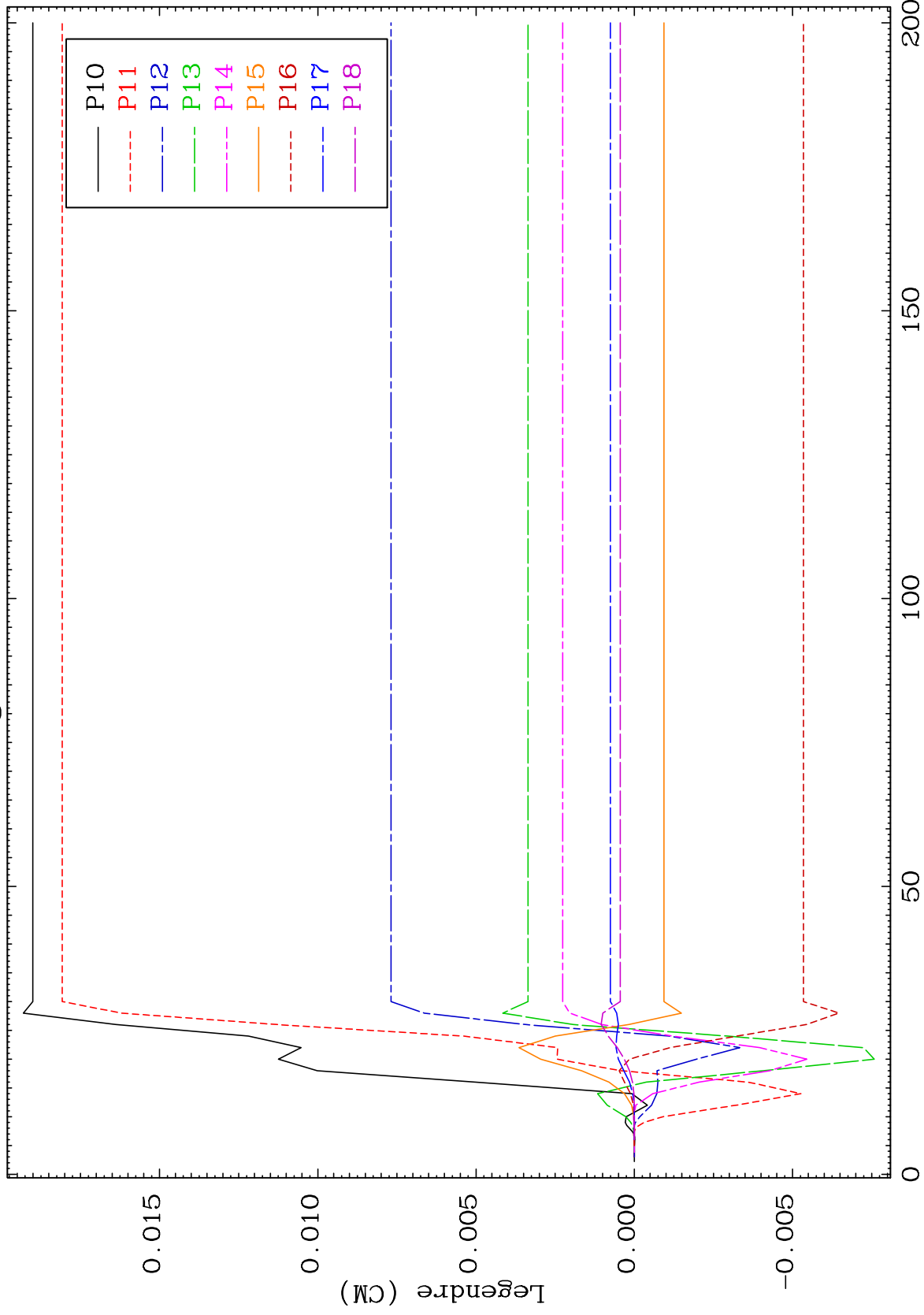
Incident Energy (MeV)

54

MAT 5813

MT= 60 (n,n') Level  
Legendre Coefficients

58-Ce-132



55

Incident Energy (MeV)

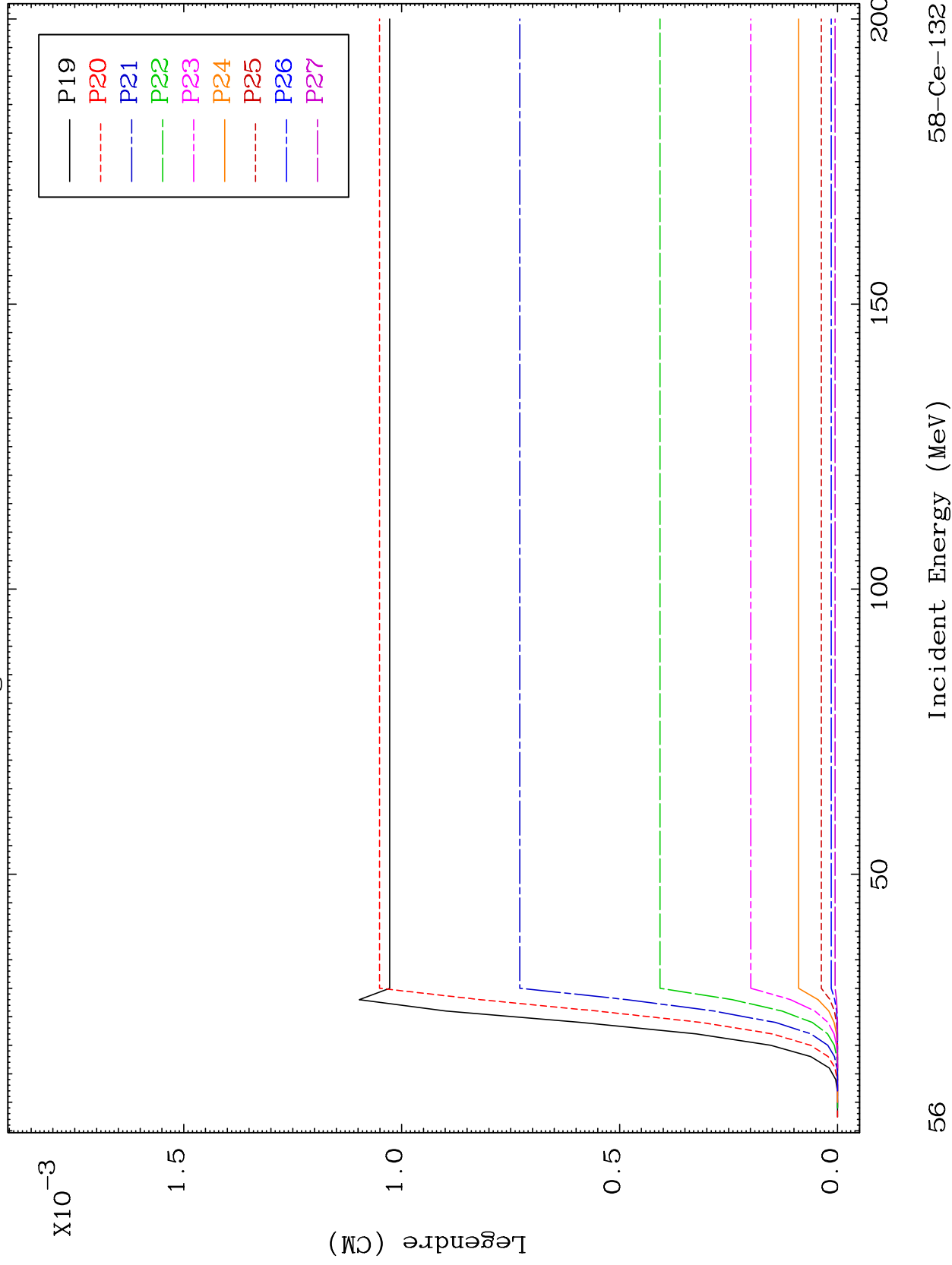
58-Ce-132



MAT 5813

MT= 60 (n,n') Level  
Legendre Coefficients

58-Ce-132



56

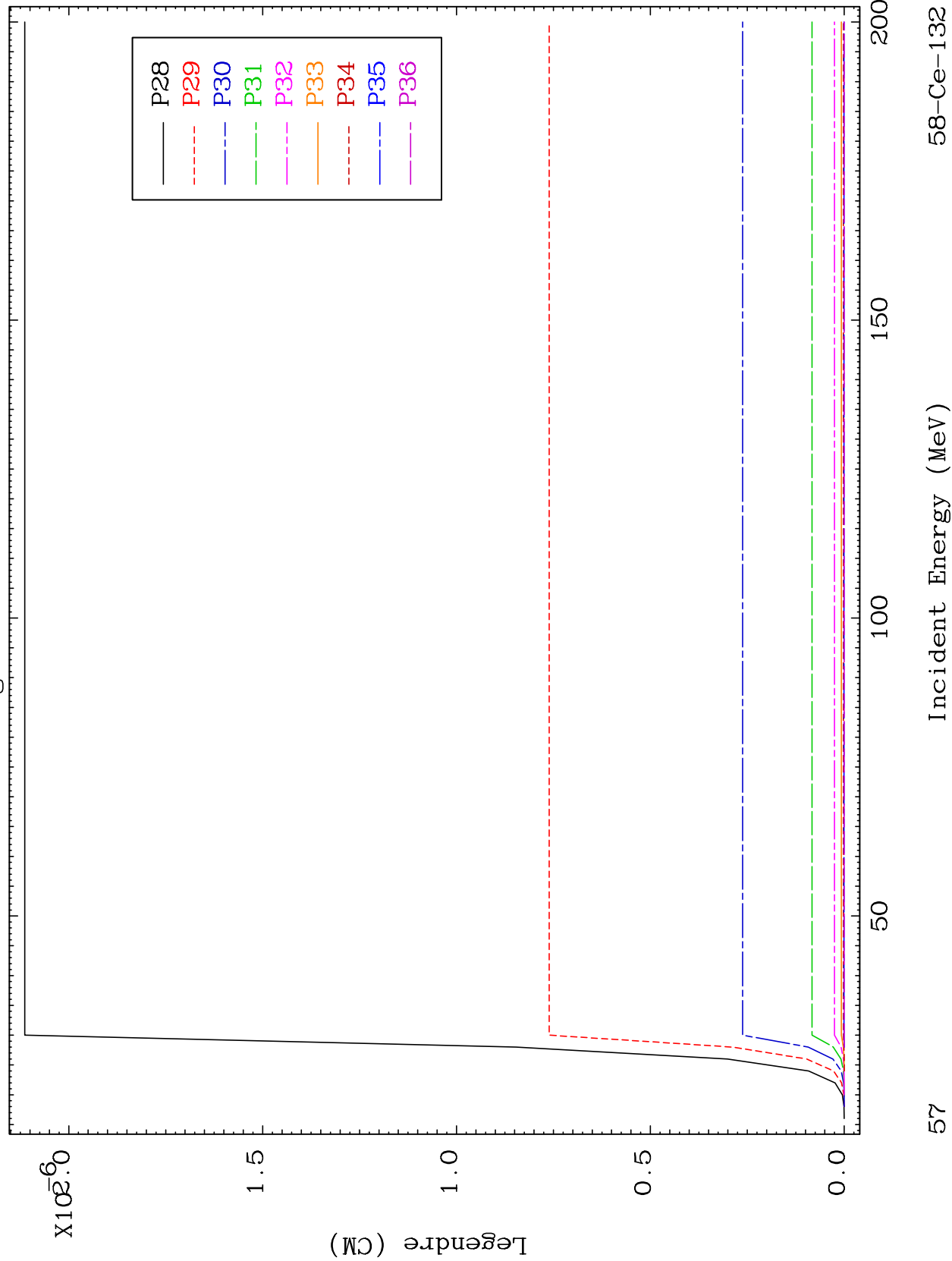
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 60 (n,n') Level  
Legendre Coefficients

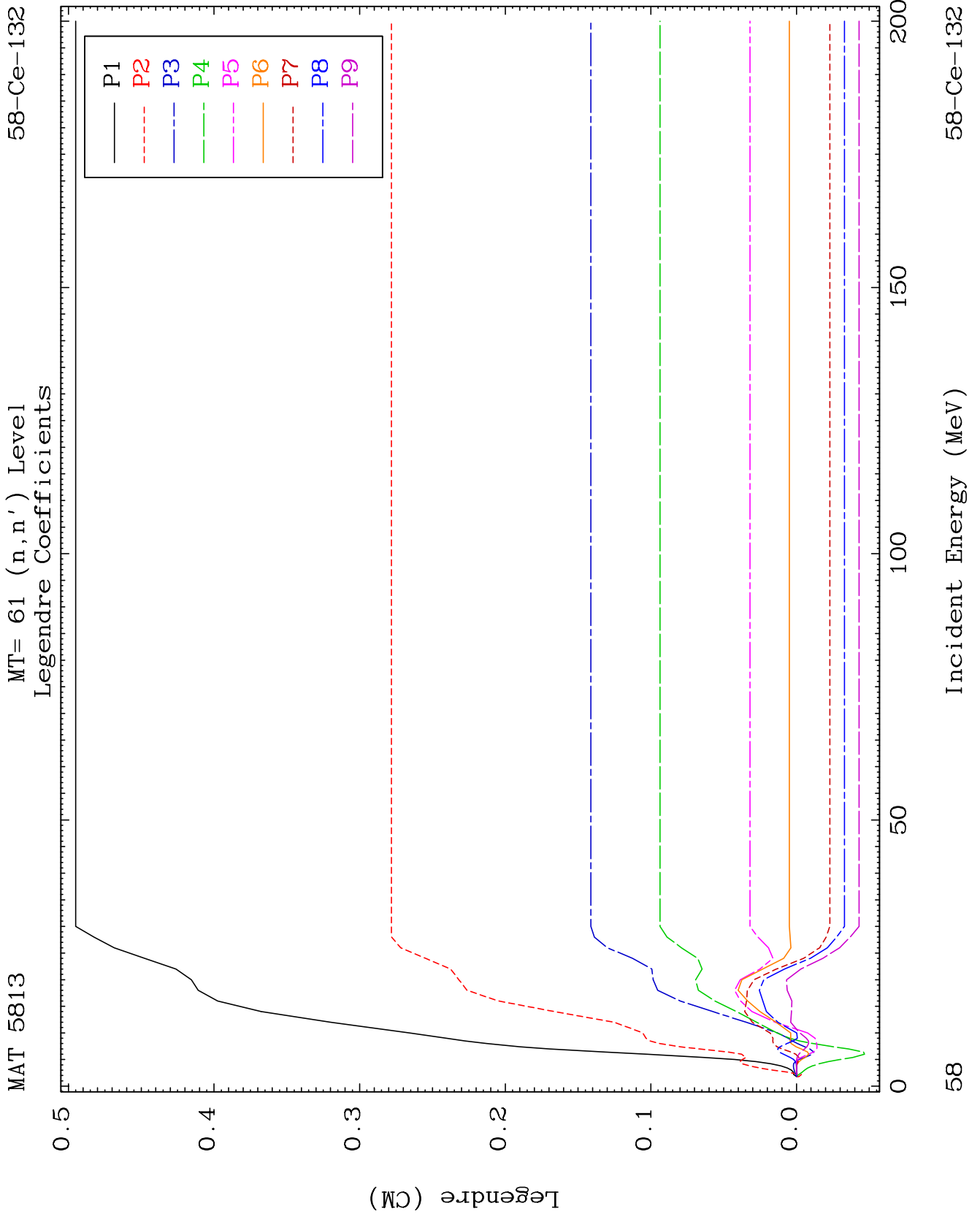
58-Ce-132

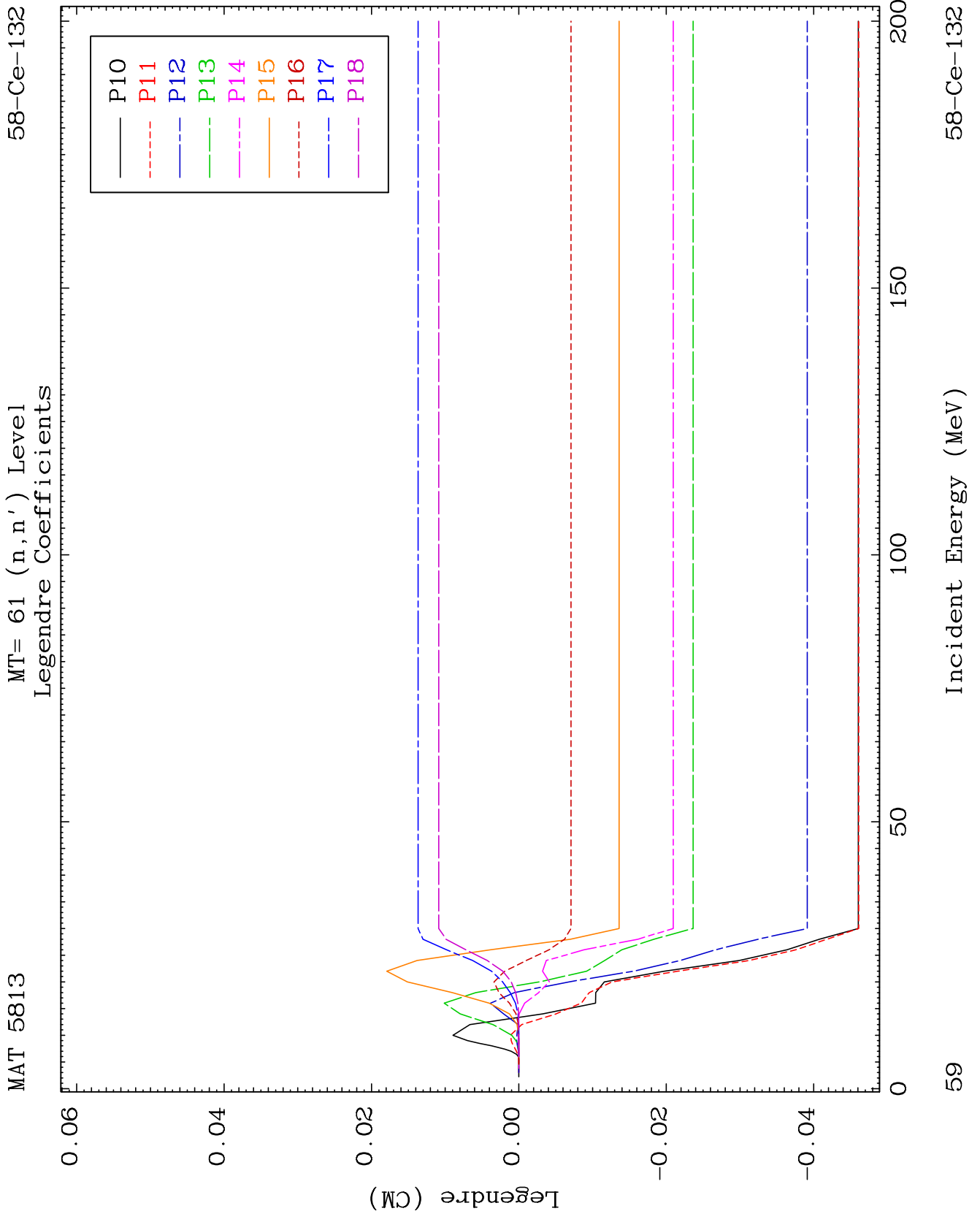


57

Incident Energy (MeV)

58-Ce-132

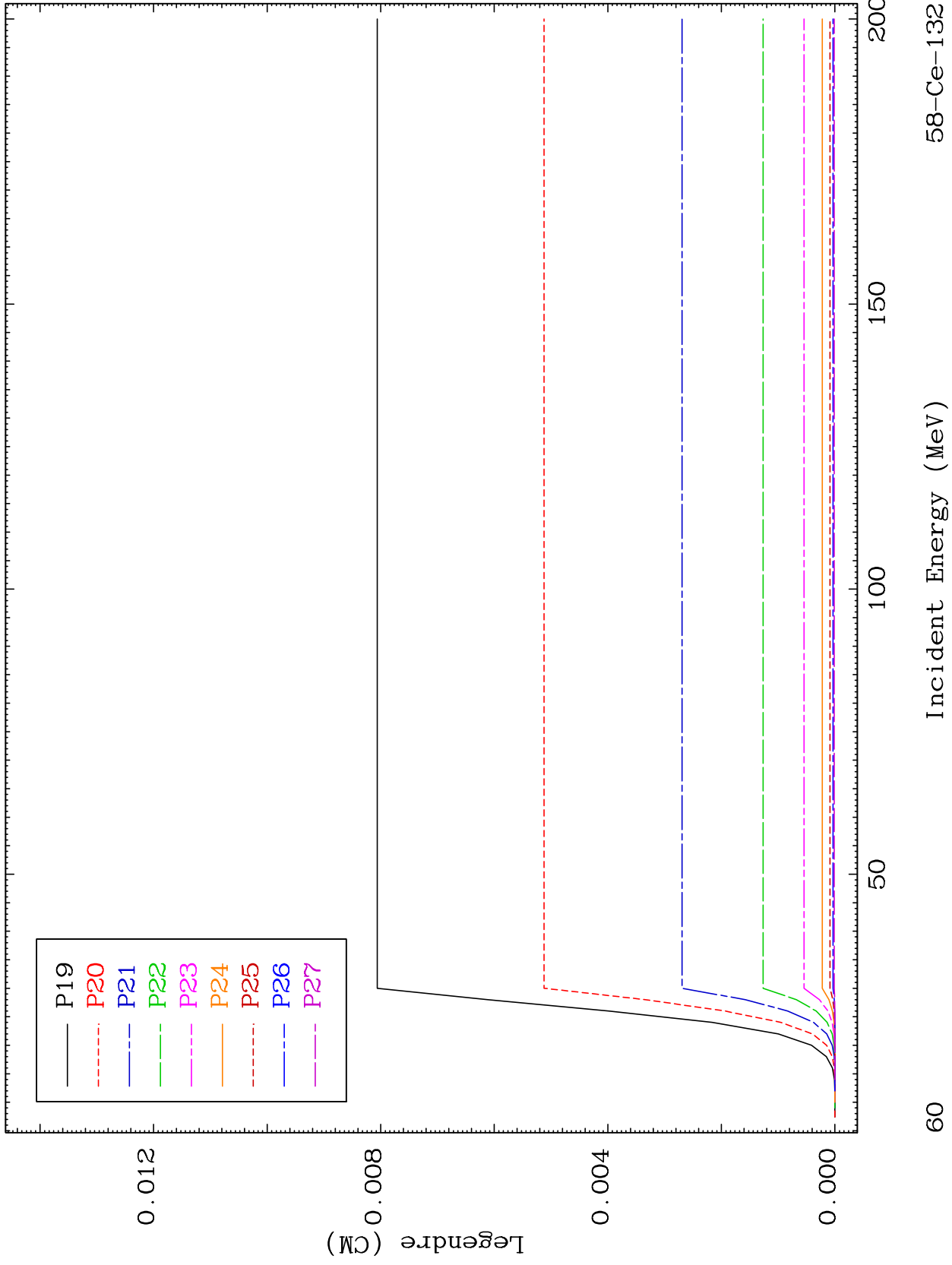




MAT 5813

MT= 61 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

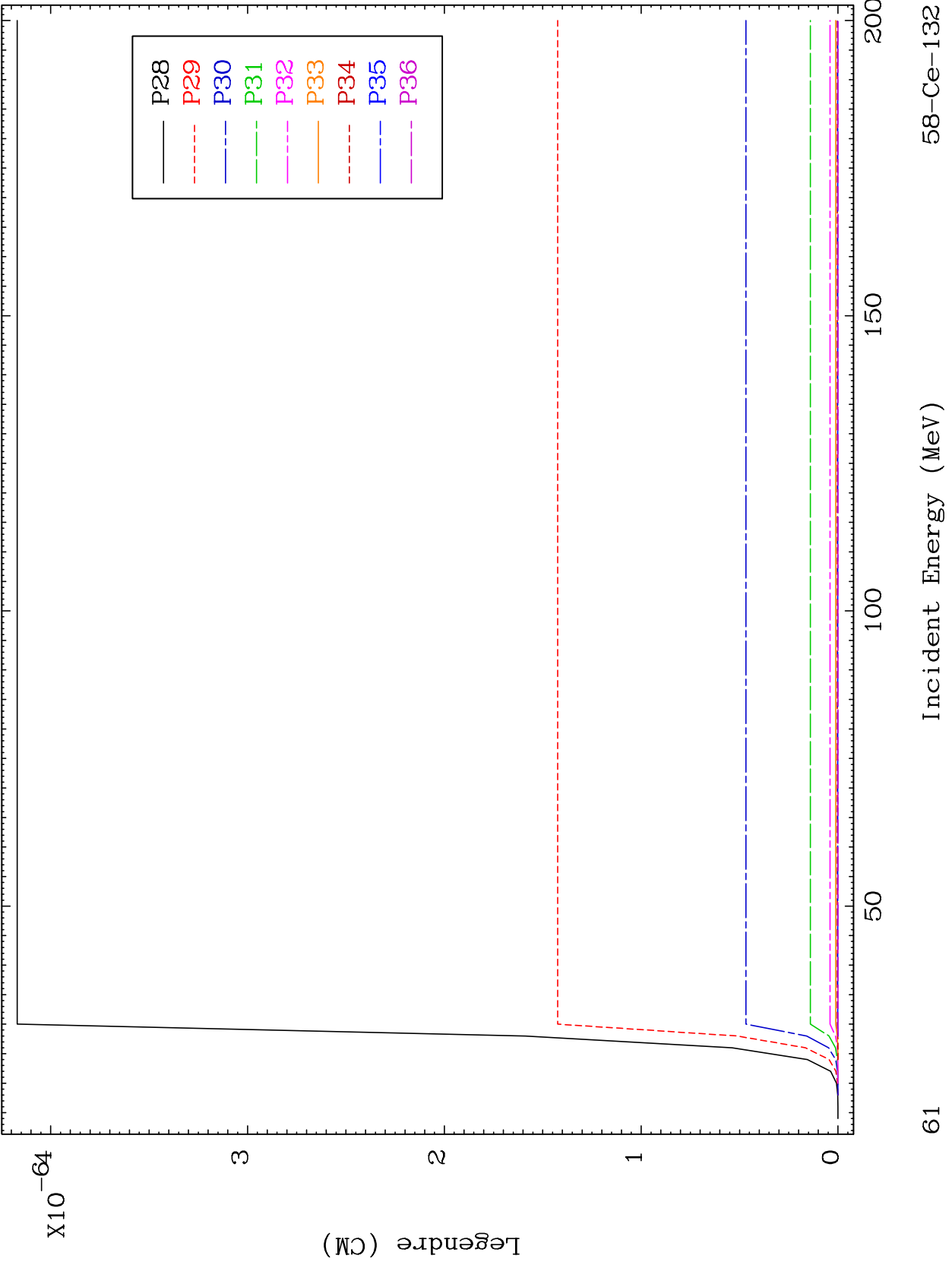
Incident Energy (MeV)

60

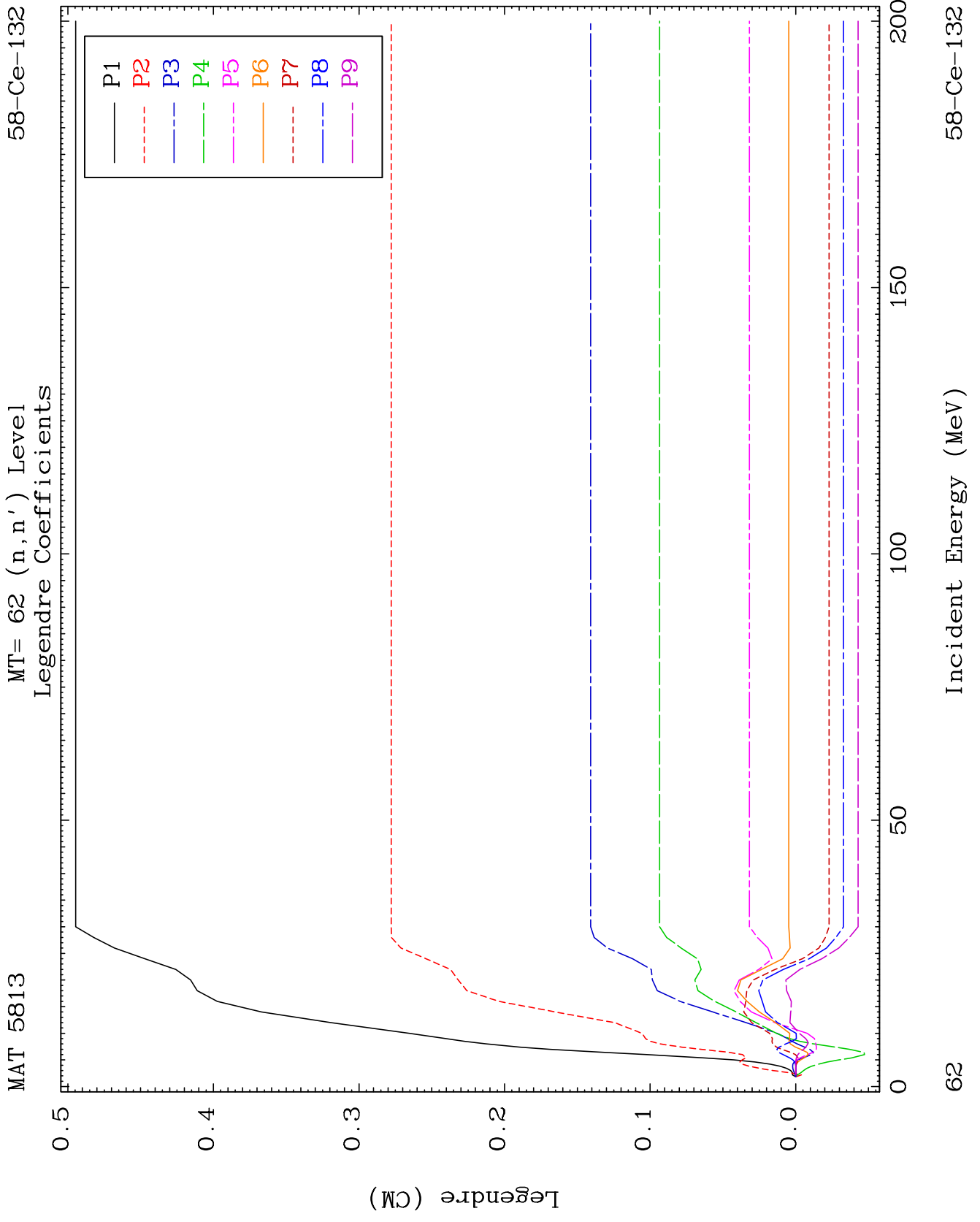
MAT 5813

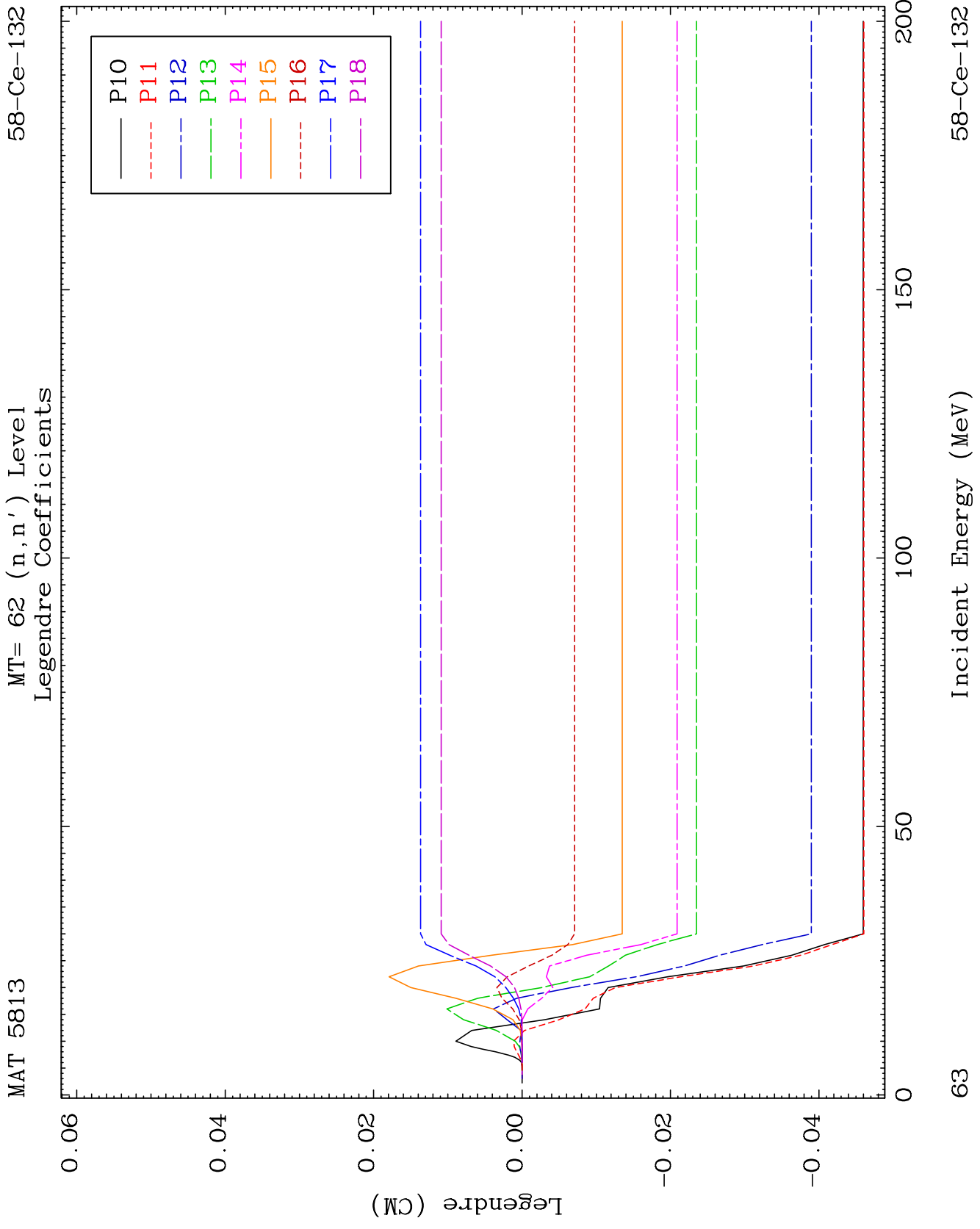
MT= 61 (n,n') Level  
Legendre Coefficients

58-Ce-132



61



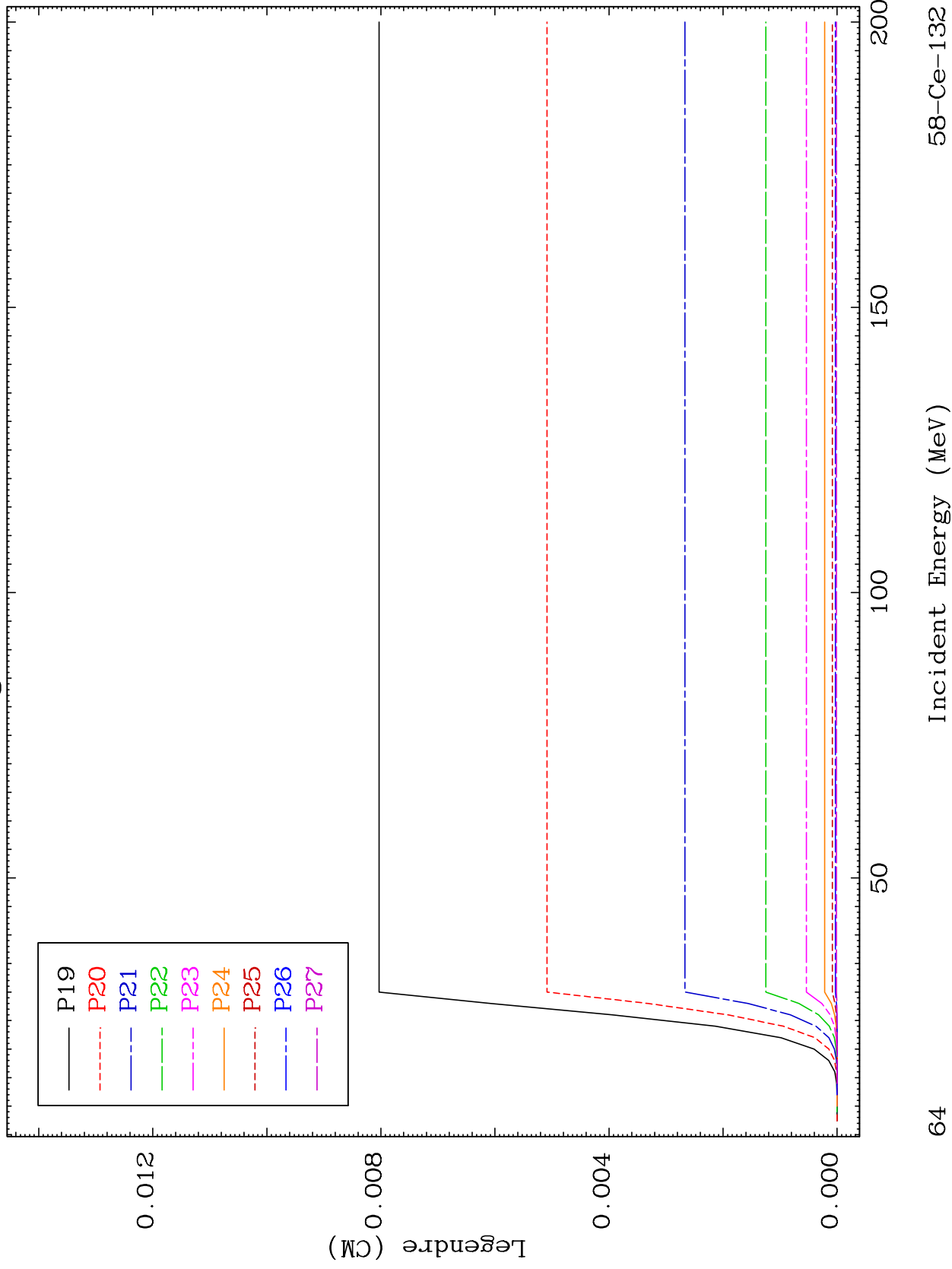




MAT 5813

MT= 62 (n,n') Level  
Legendre Coefficients

58-Ce-132



64

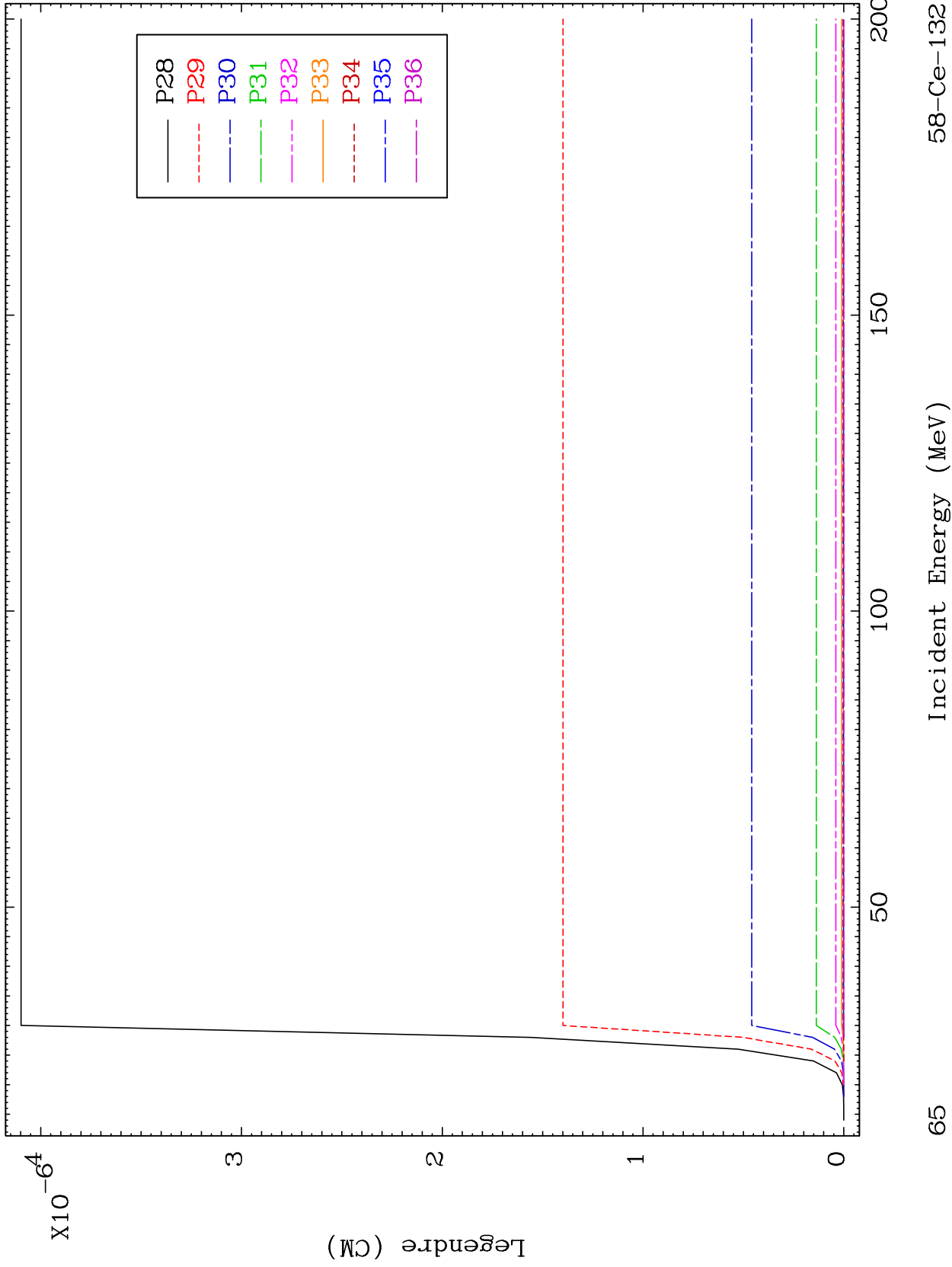
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 62 (n,n') Level  
Legendre Coefficients

58-Ce-132



65

Incident Energy (MeV)

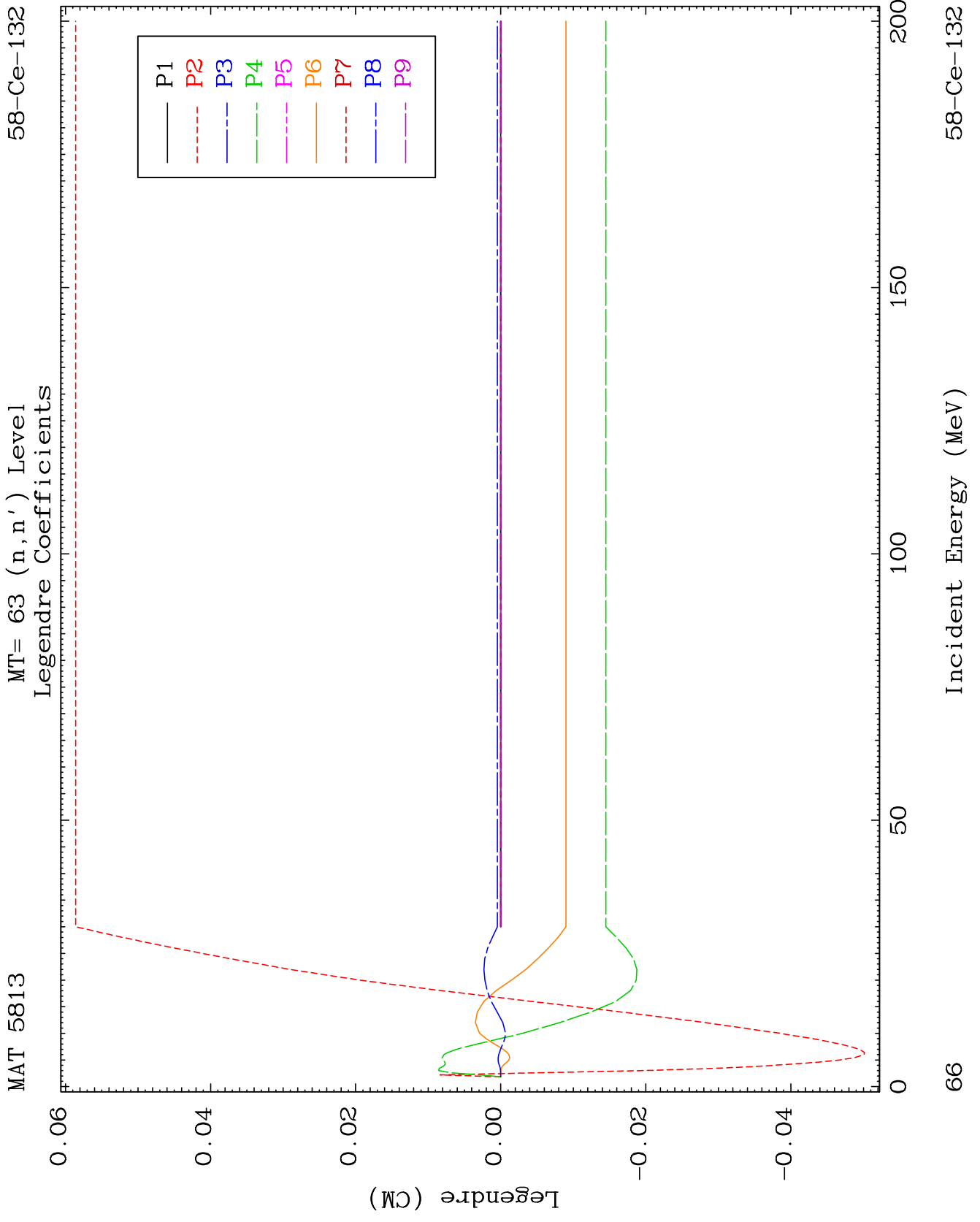
58-Ce-132

200

150

100

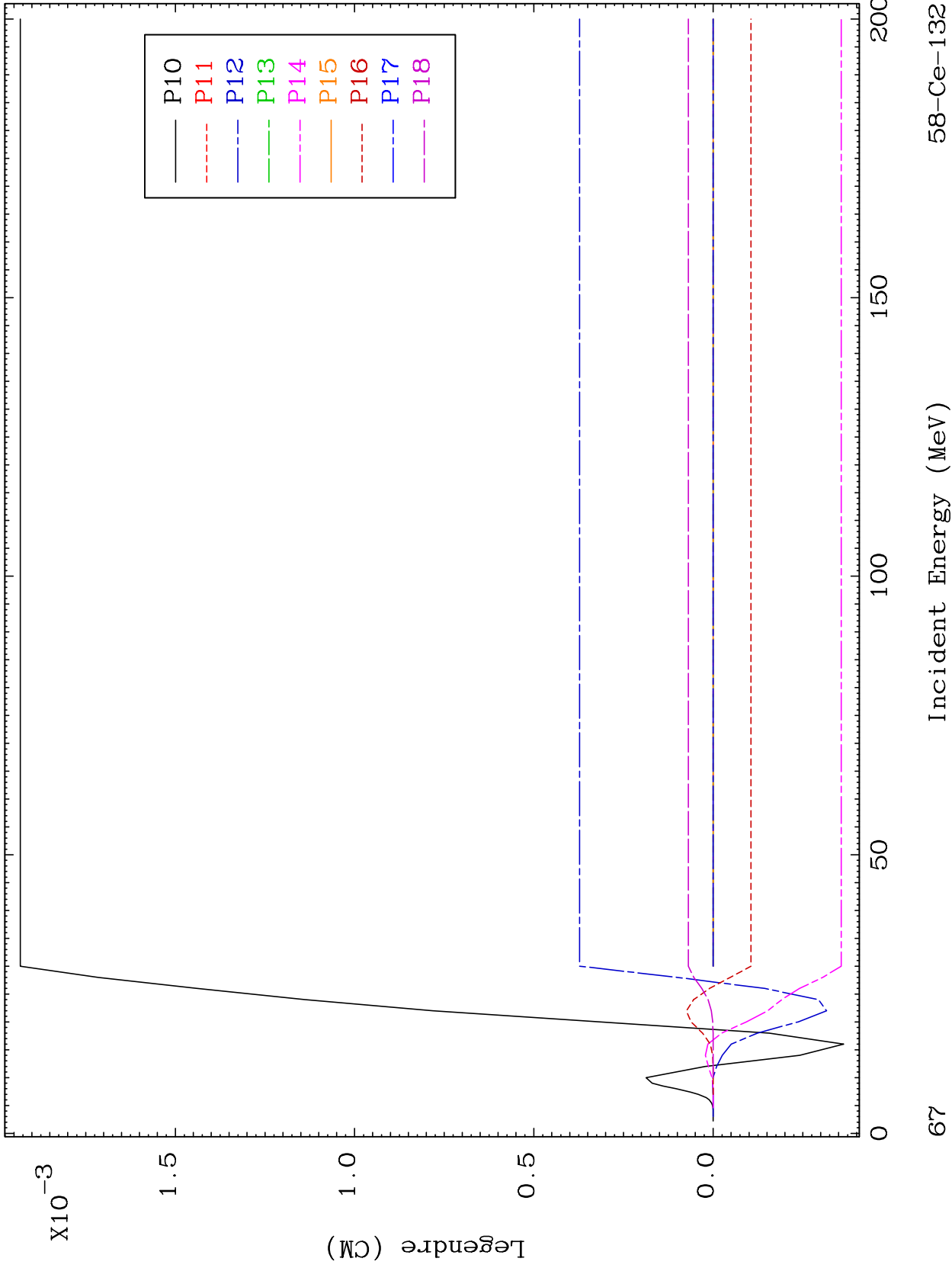
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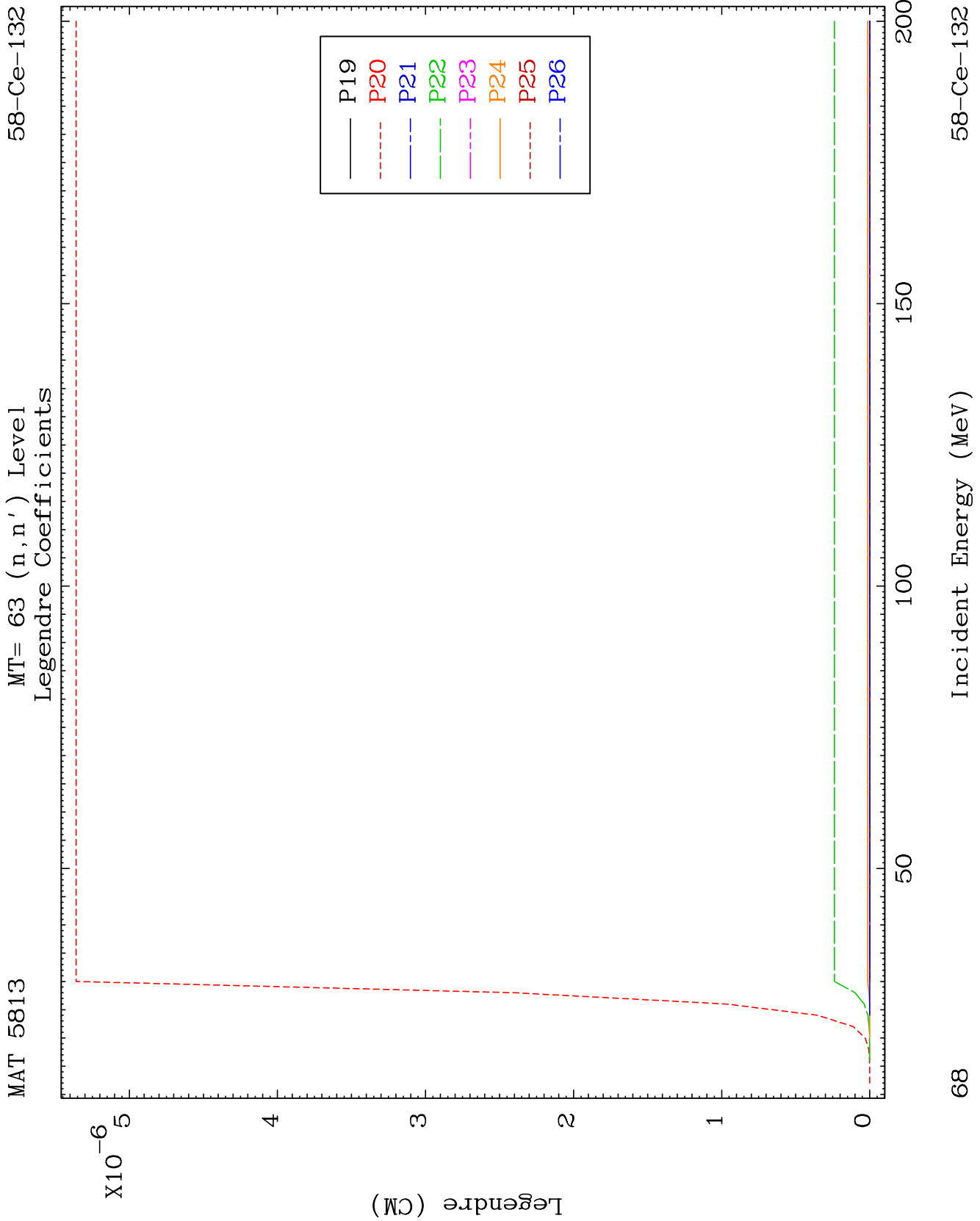


MAT 5813

MT= 63 (n,n') Level  
Legendre Coefficients

58-Ce-132



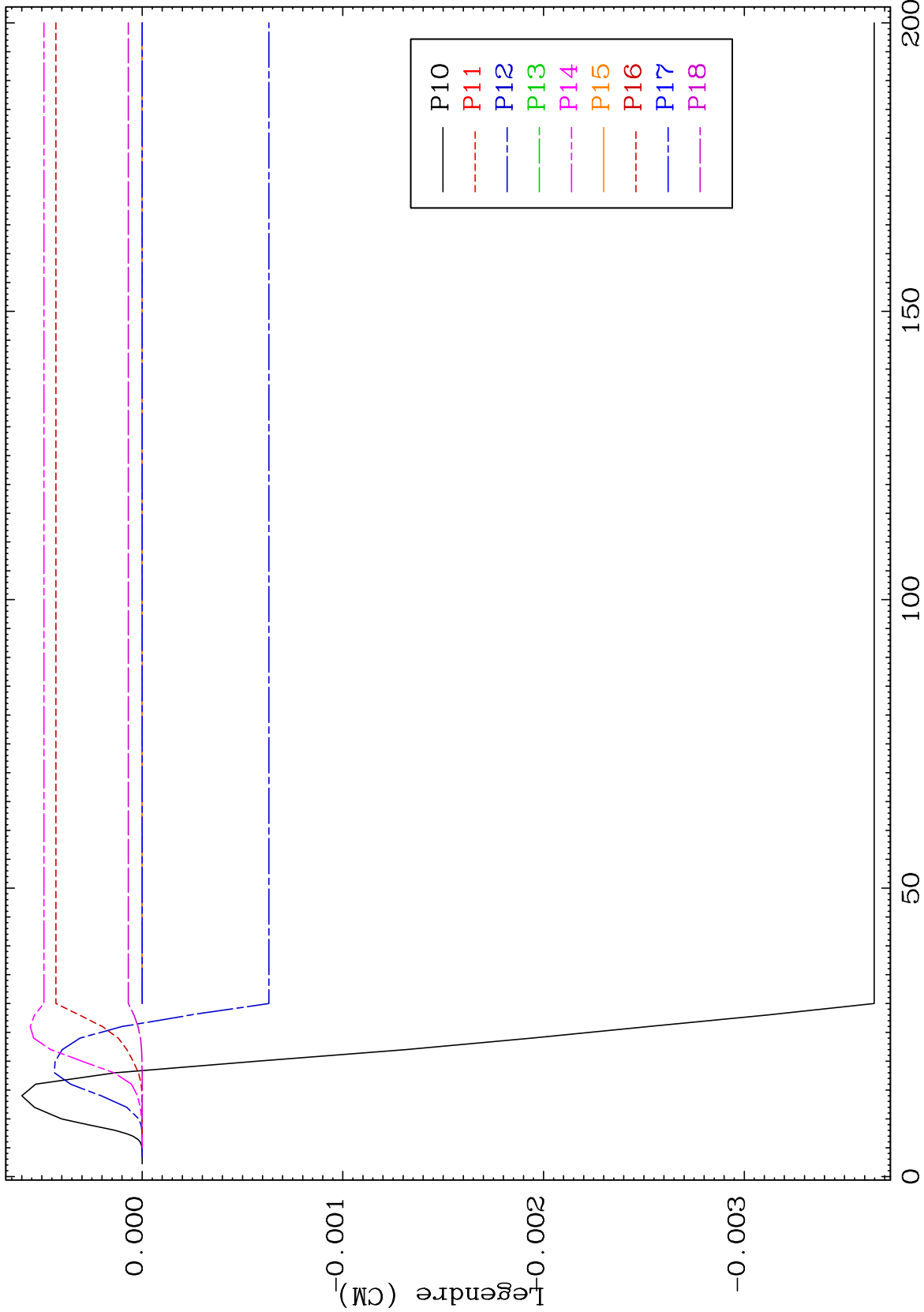




MAT 5813

MT= 64 (n,n') Level  
Legendre Coefficients

58-Ce-132



70

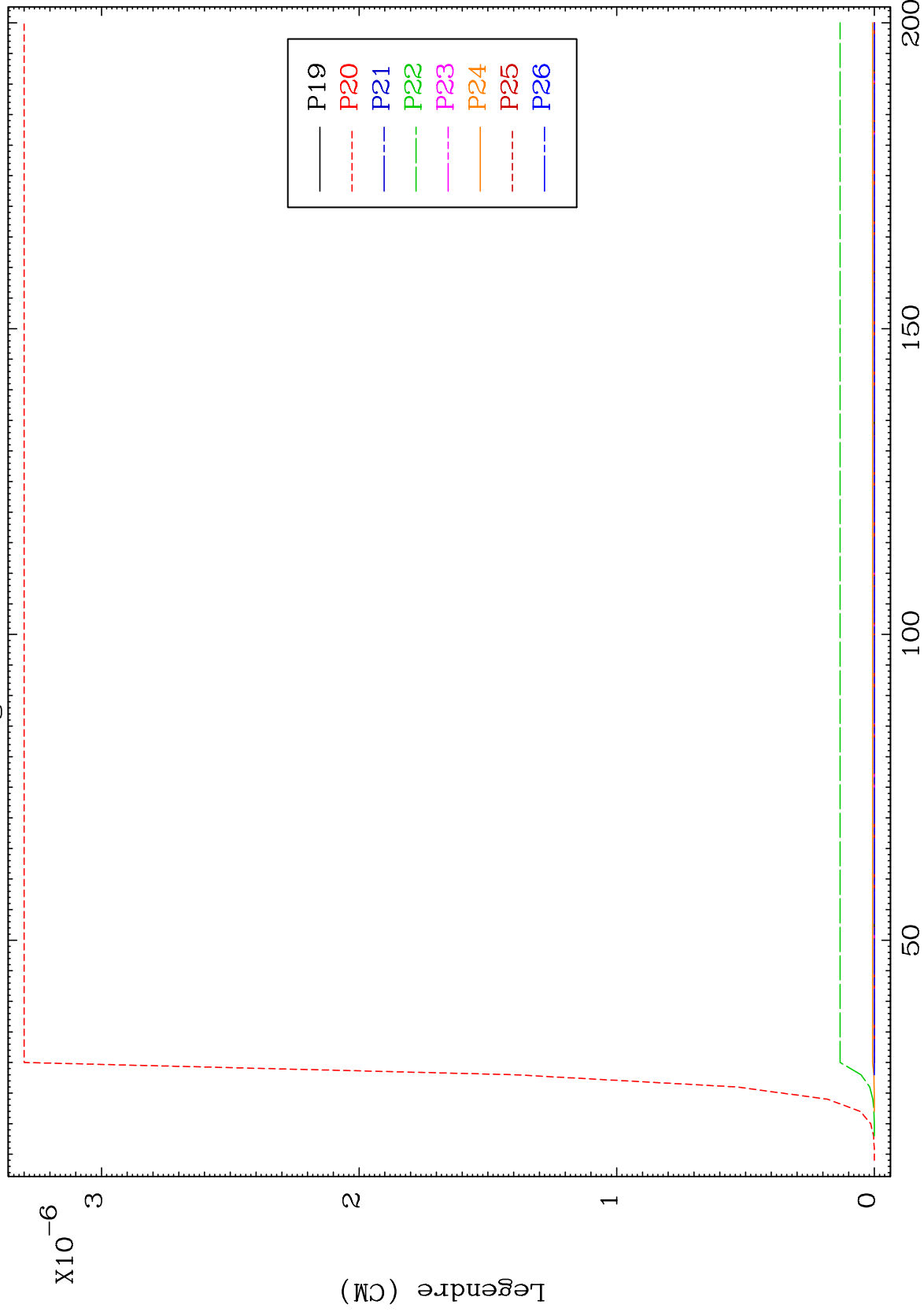
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 64 (n,n') Level  
Legendre Coefficients

58-Ce-132



71

Incident Energy (MeV)

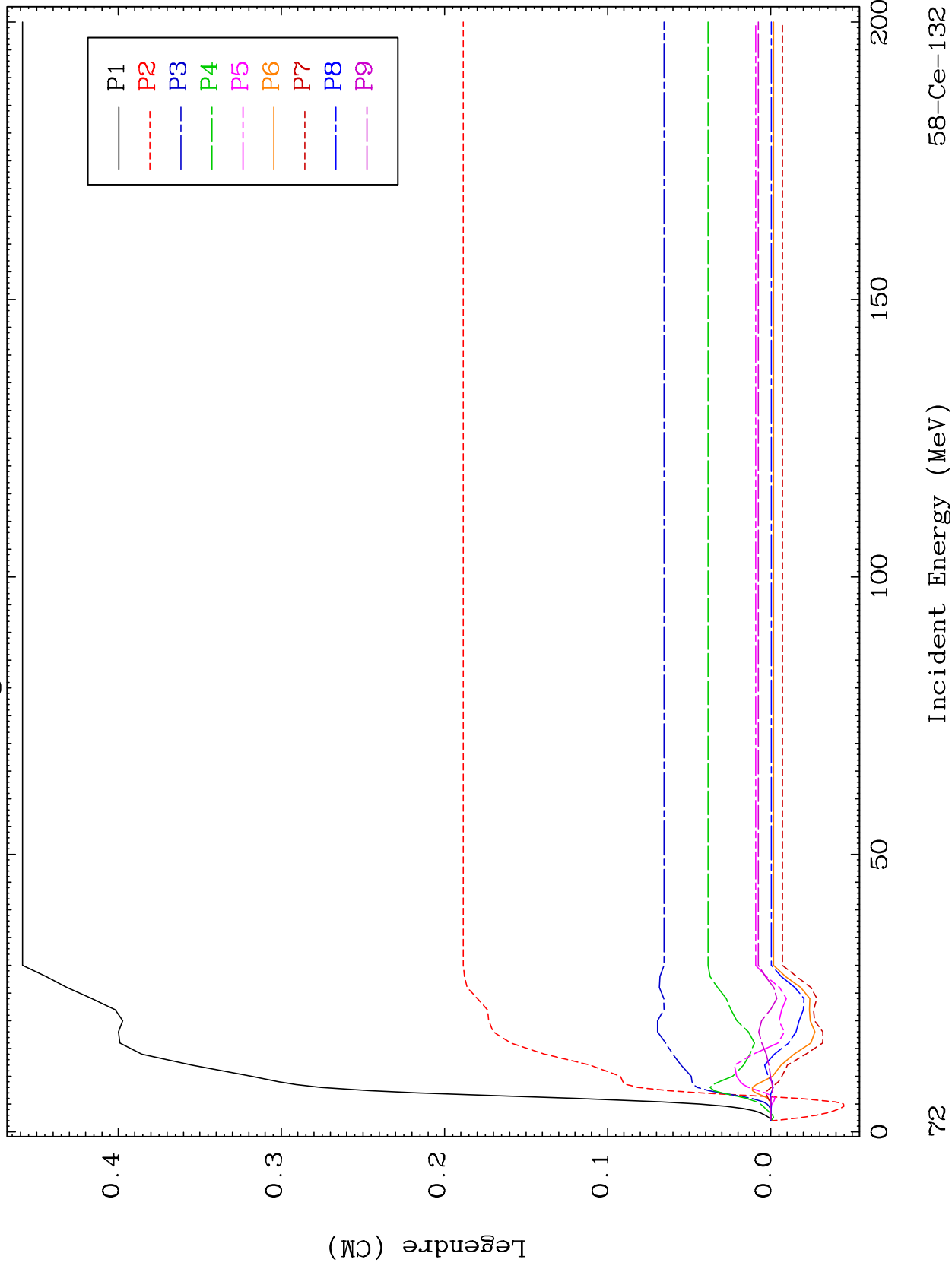
58-Ce-132



MAT 5813

MT= 65 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

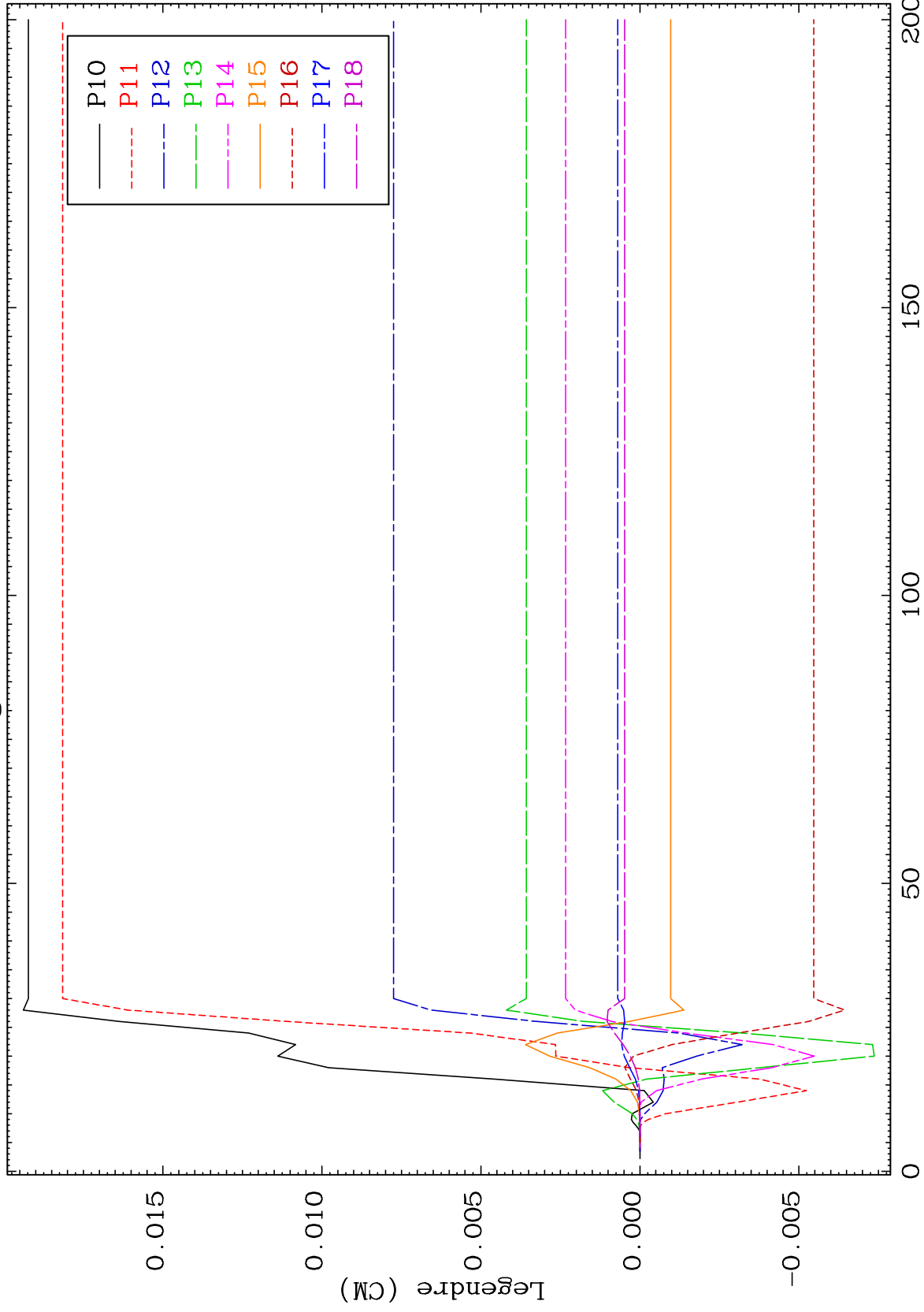
Incident Energy (MeV)

72

MAT 5813

MT= 65 (n,n') Level  
Legendre Coefficients

58-Ce-132



73

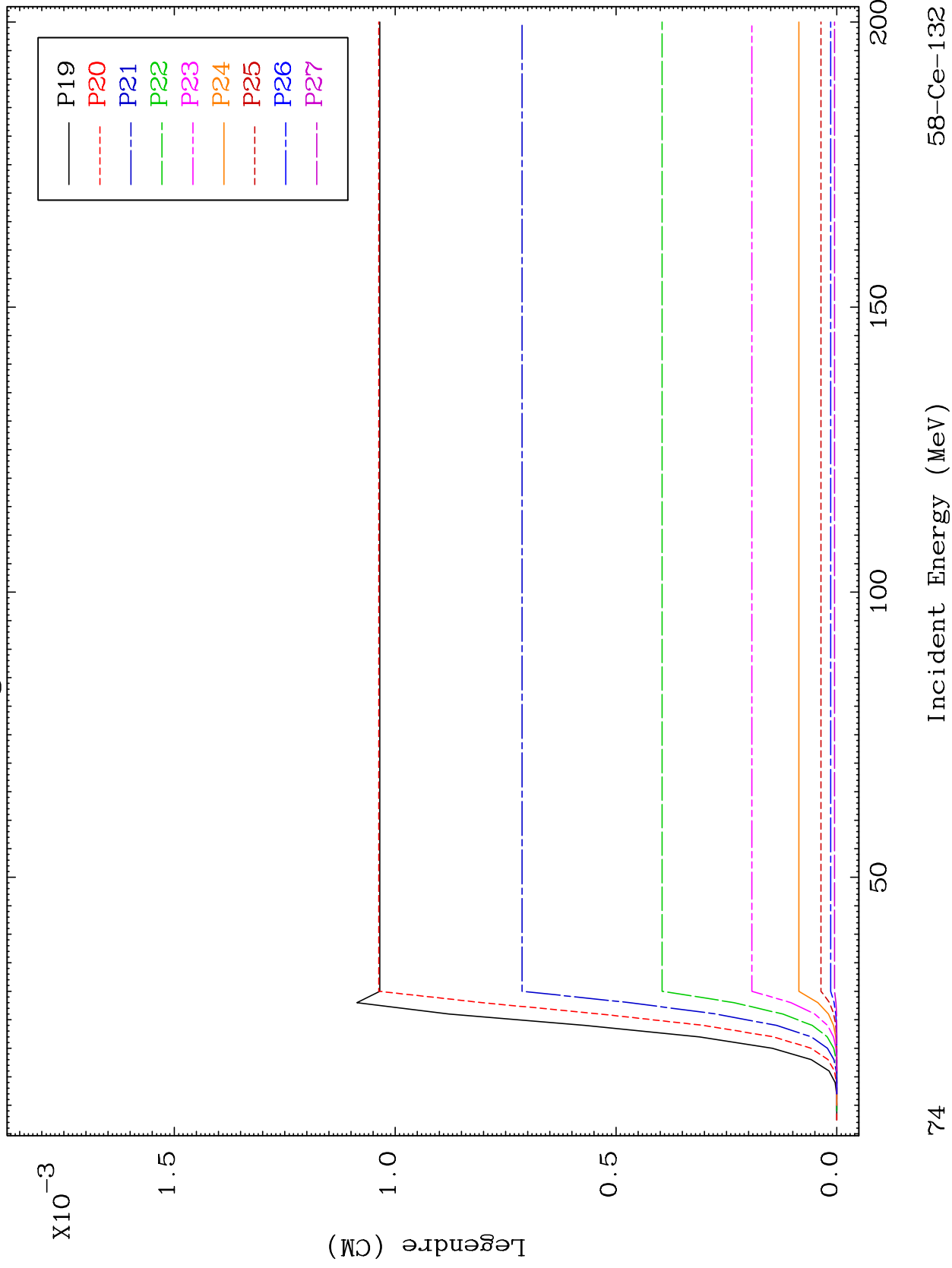
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 65 (n,n') Level  
Legendre Coefficients

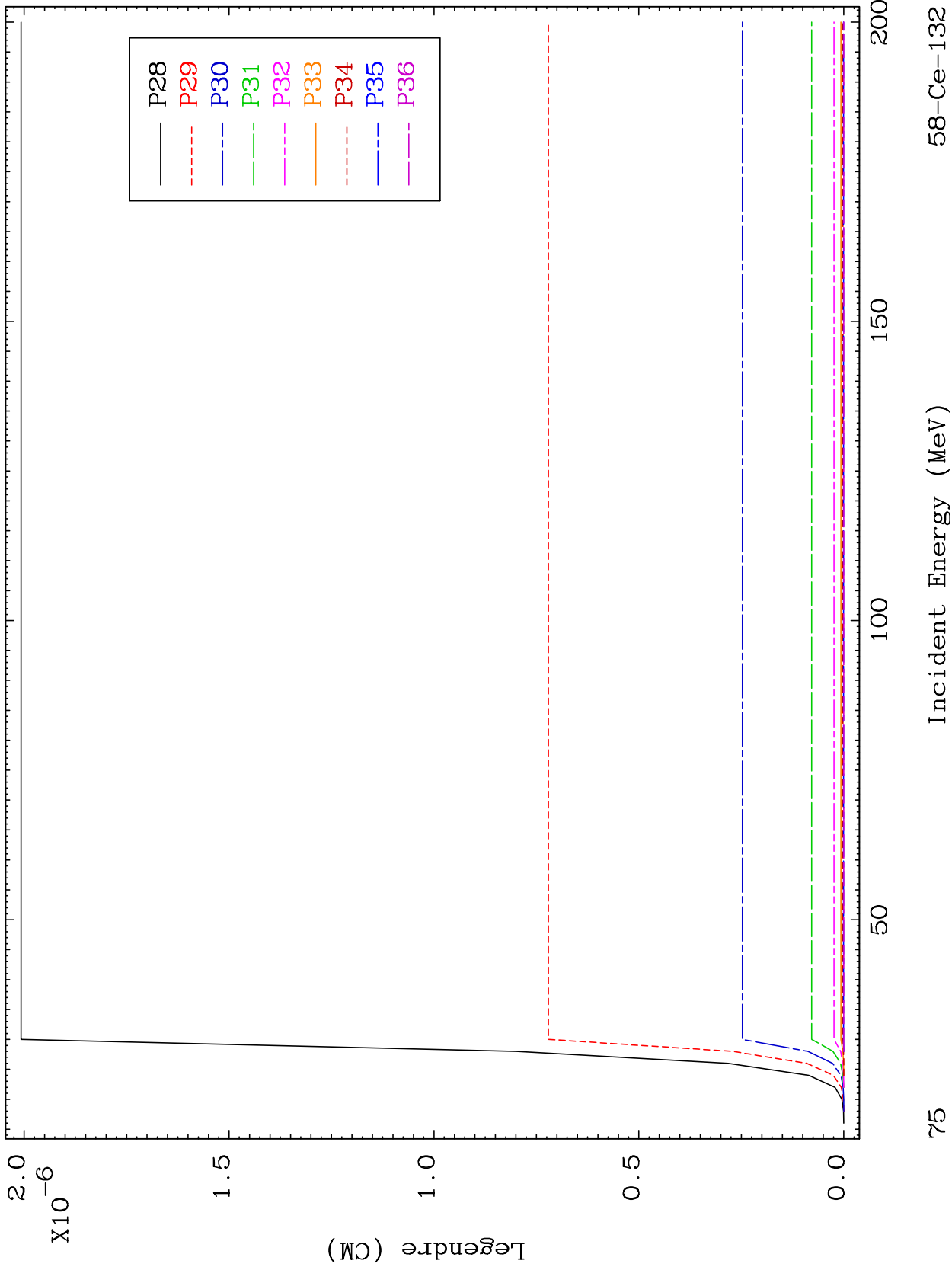
58-Ce-132

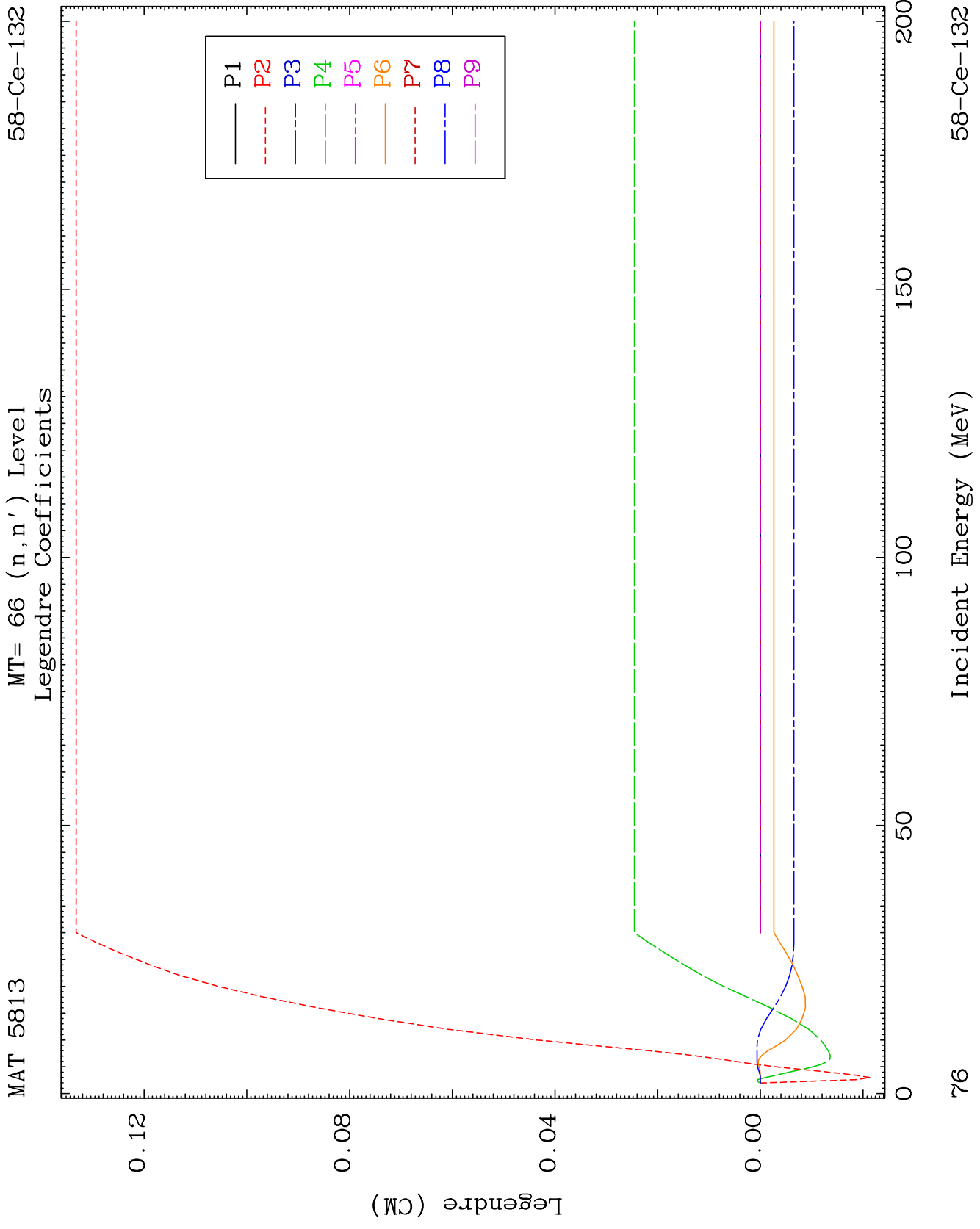


MAT 5813

MT= 65 (n,n') Level  
Legendre Coefficients

58-Ce-132

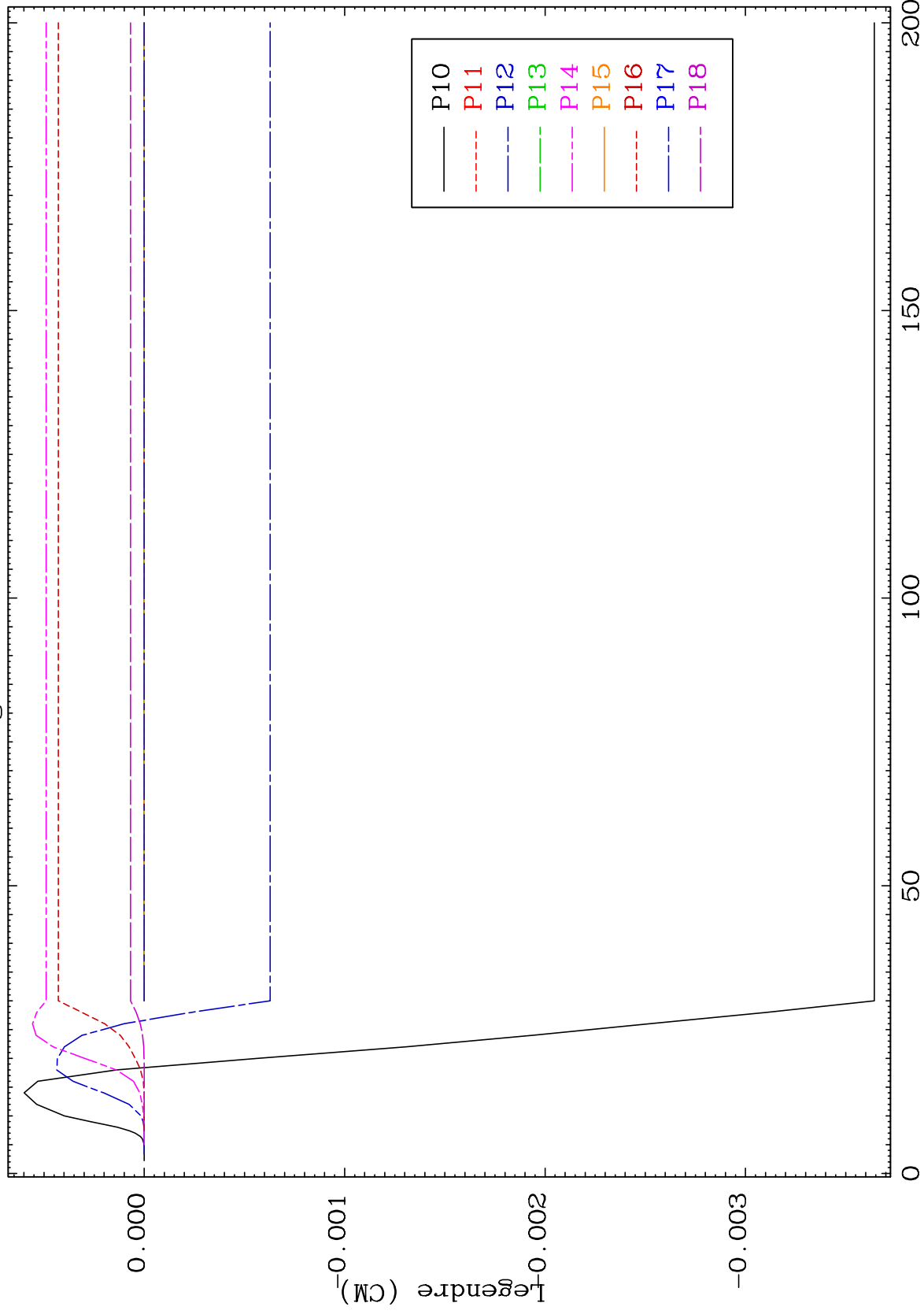




MAT 5813

MT= 66 (n,n') Level  
Legendre Coefficients

58-Ce-132



77

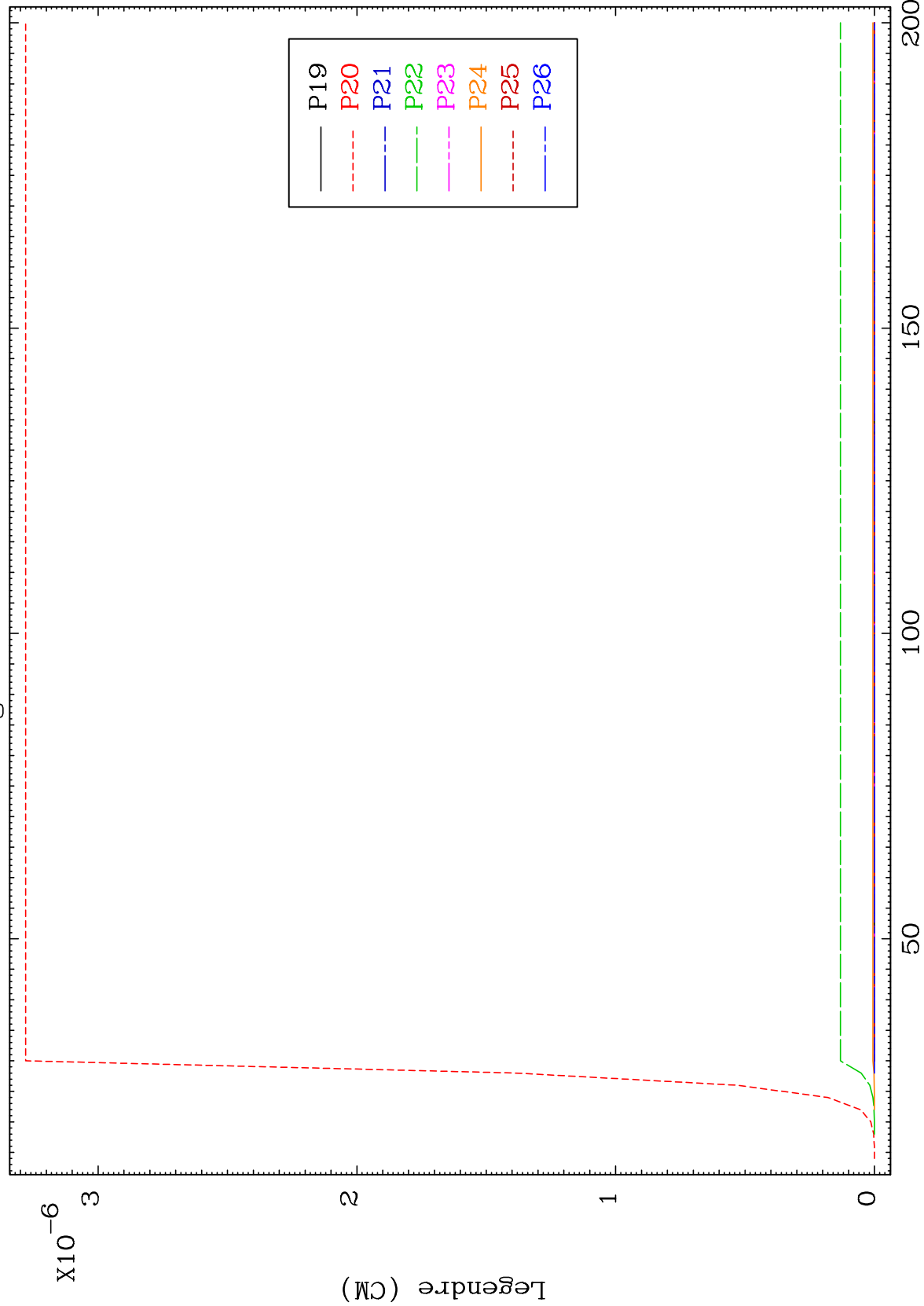
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 66 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

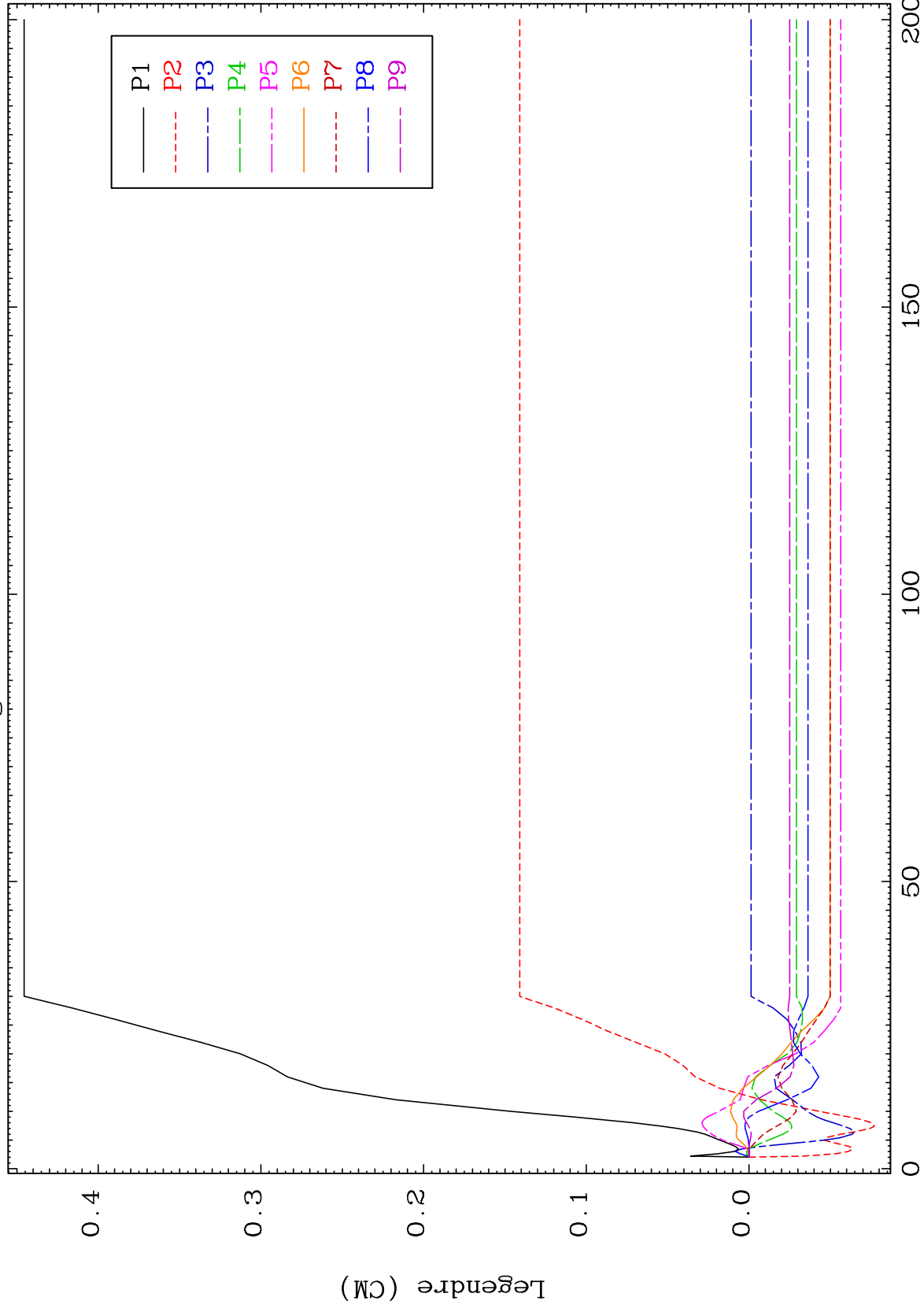
Incident Energy (MeV)

78

MAT 5813

MT= 67 (n,n') Level  
Legendre Coefficients

58-Ce-132



79

Incident Energy (MeV)

58-Ce-132

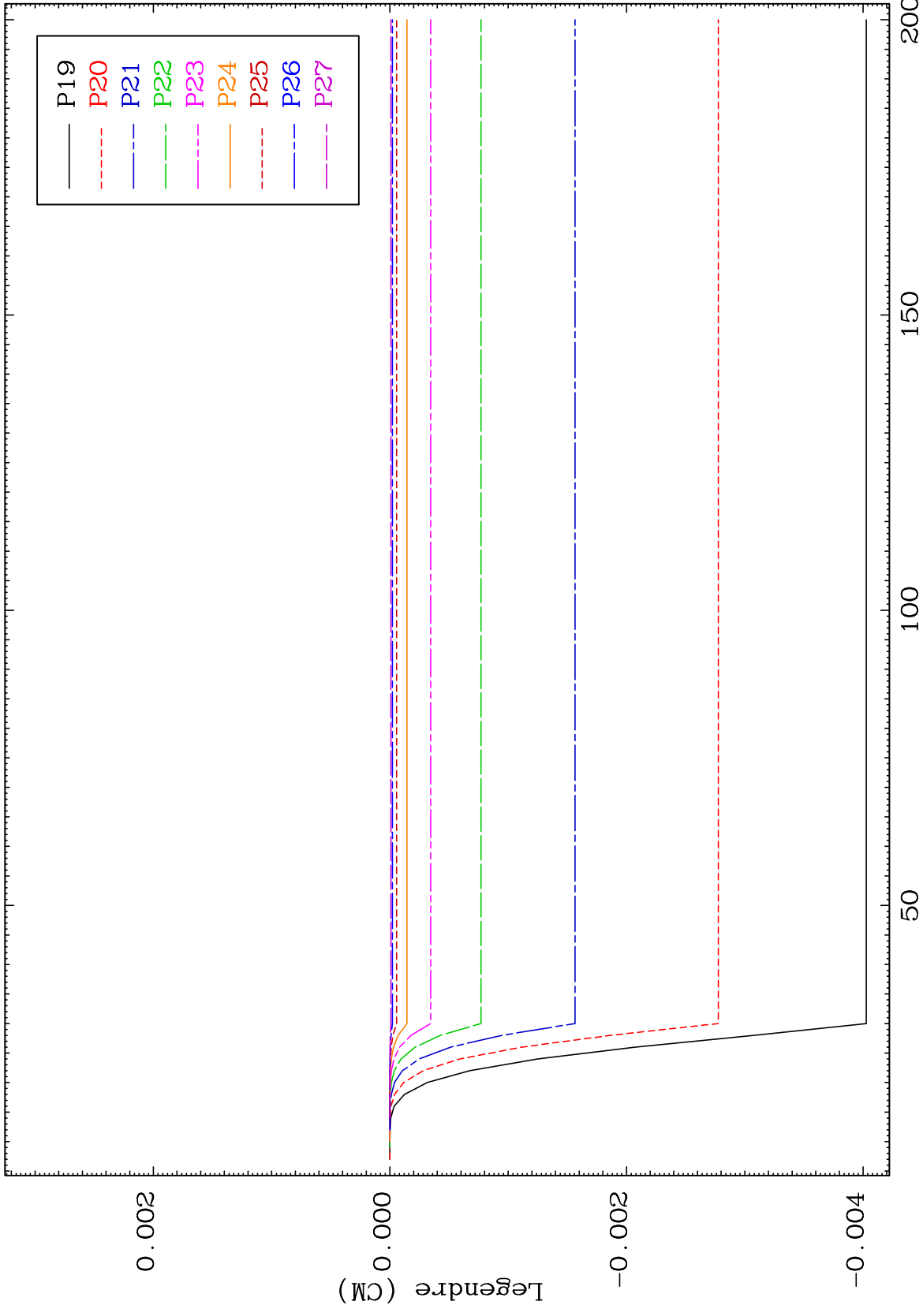




MAT 5813

MT= 67 (n,n') Level  
Legendre Coefficients

58-Ce-132

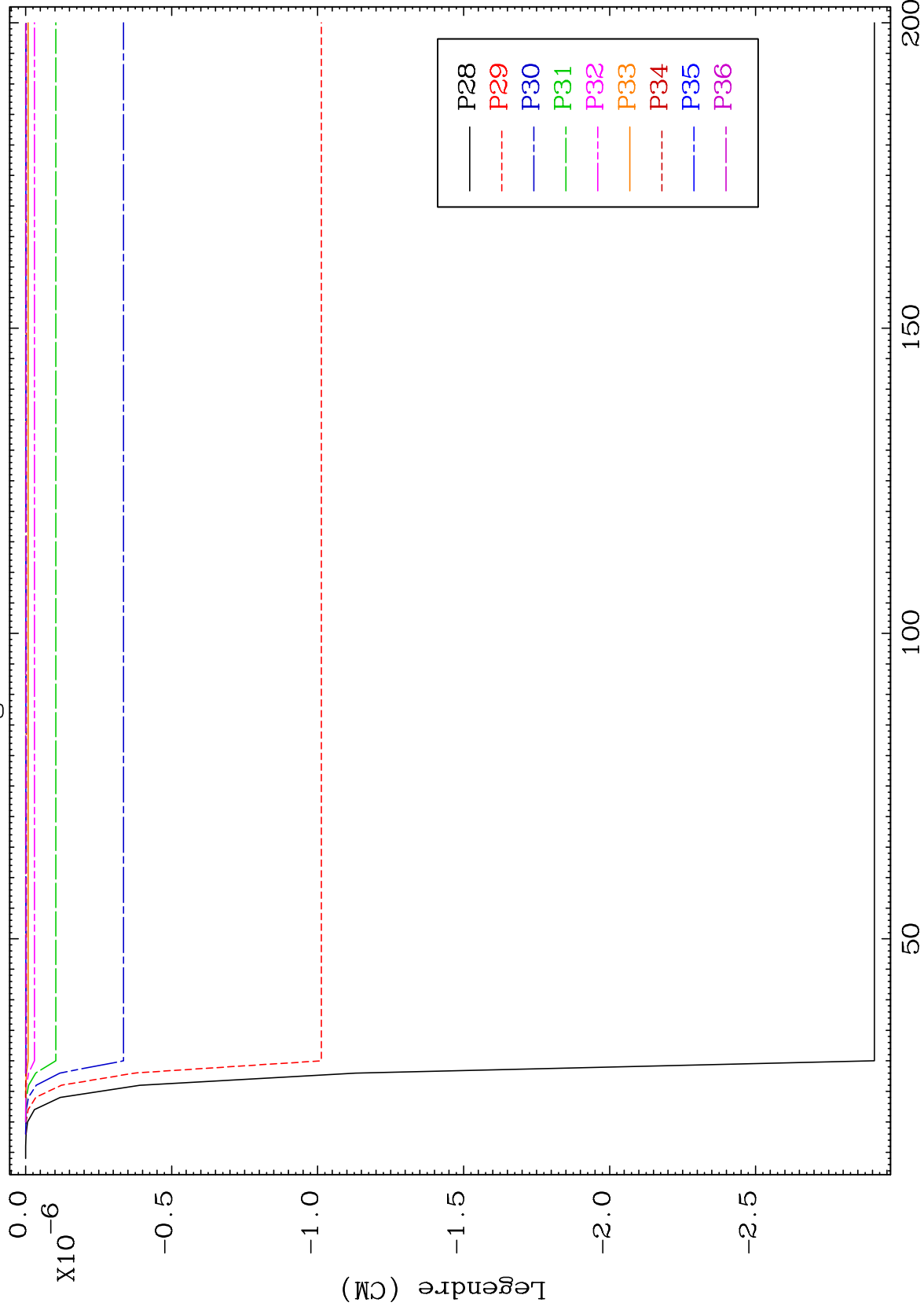


MAT 5813

MT= 67 (n,n') Level

58-Ce-132

Legendre Coefficients



58-Ce-132

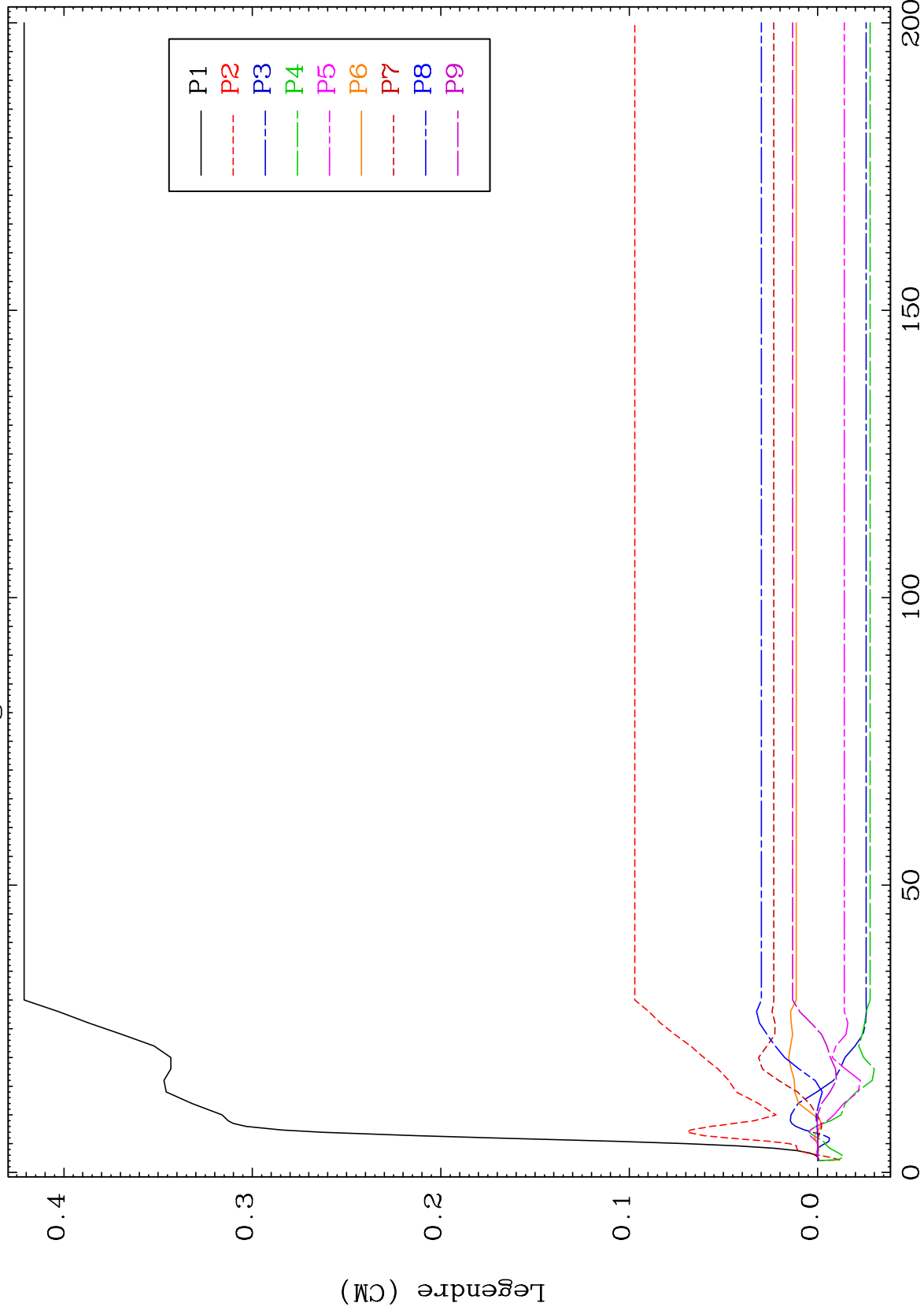
Incident Energy (MeV)

82

MAT 5813

MT= 68 (n,n') Level  
Legendre Coefficients

58-Ce-132



83

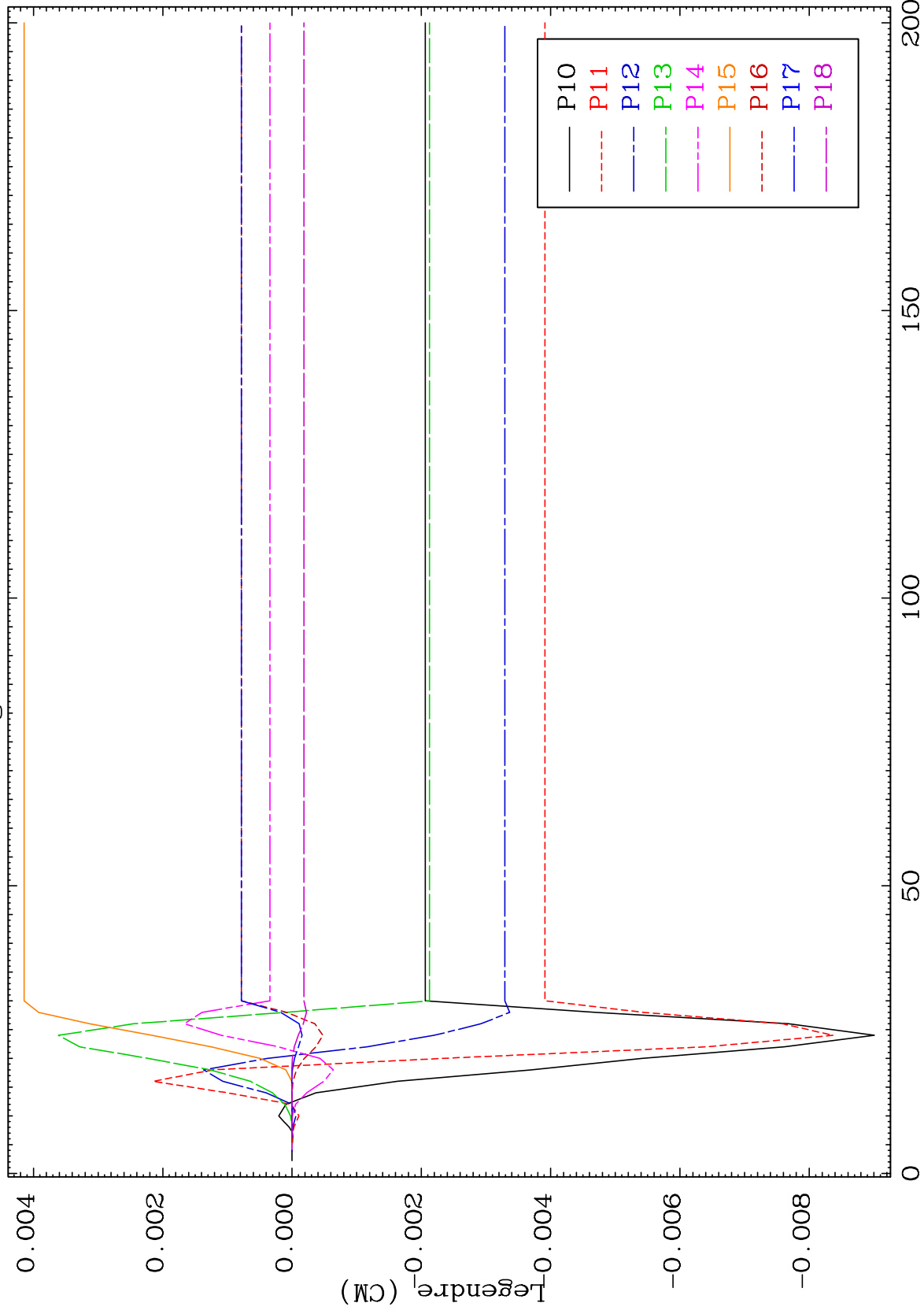
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 68 (n,n') Level  
Legendre Coefficients

58-Ce-132



84

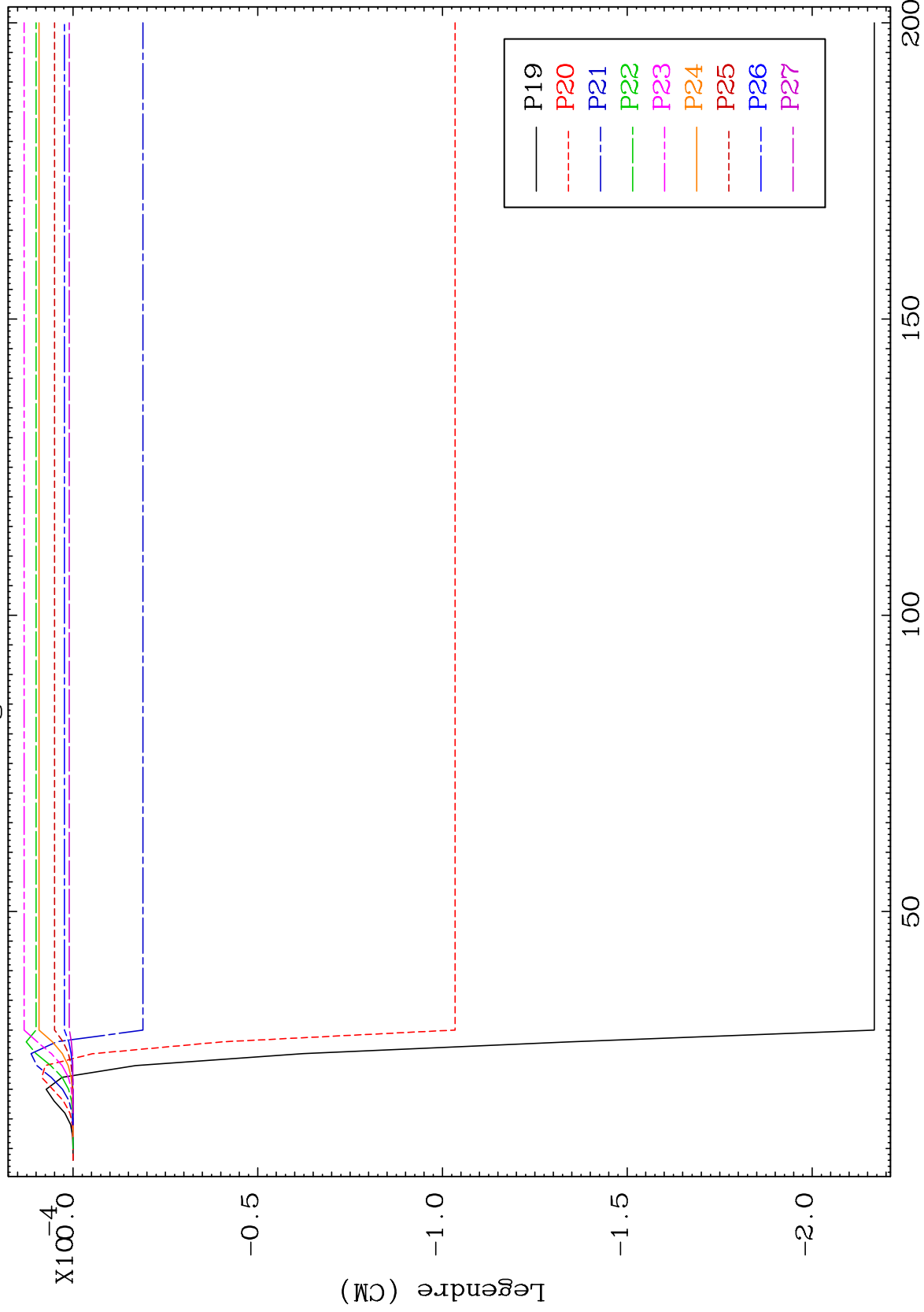
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 68 (n,n') Level  
Legendre Coefficients

58-Ce-132



85

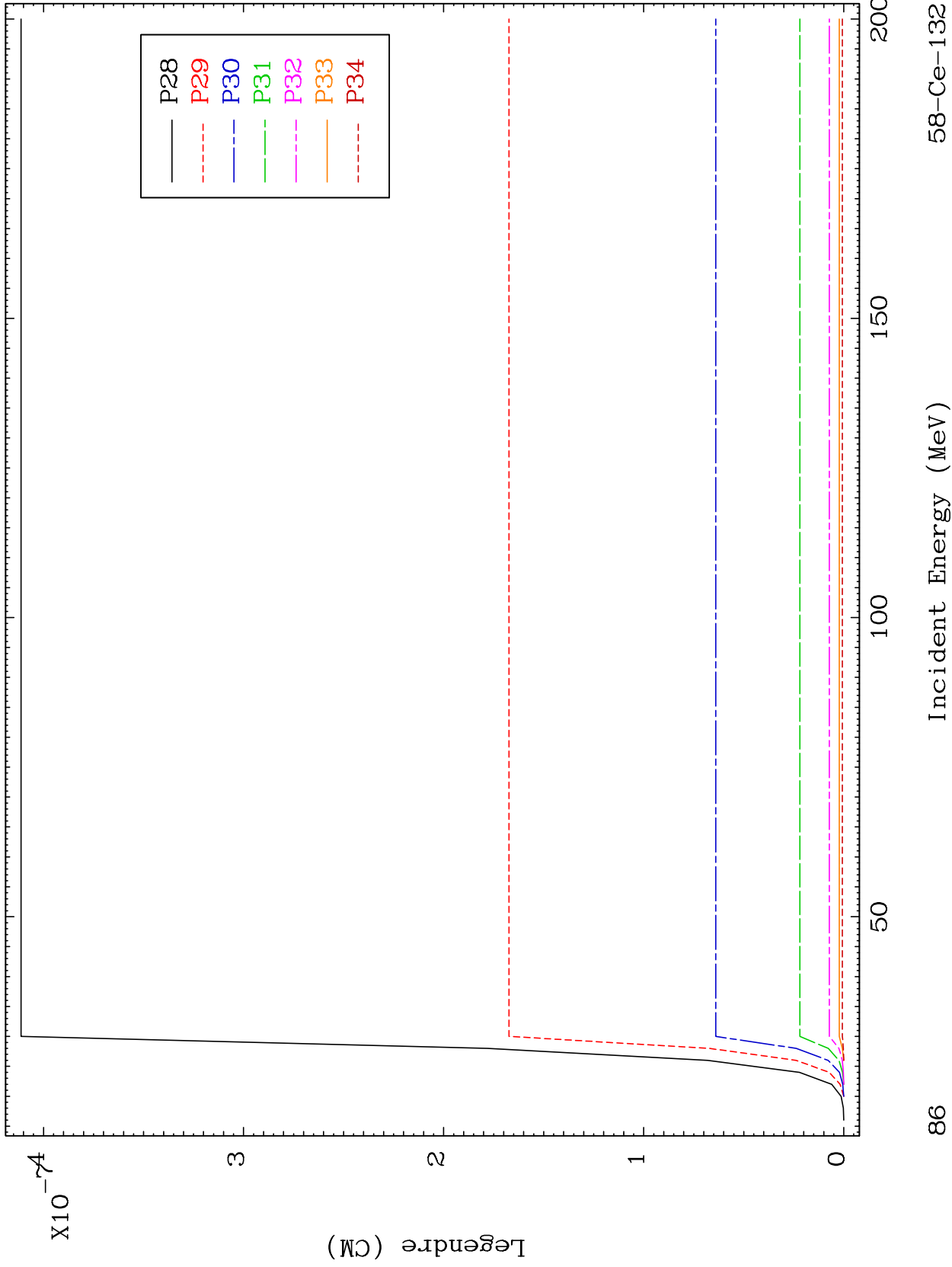
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 68 (n,n') Level  
Legendre Coefficients

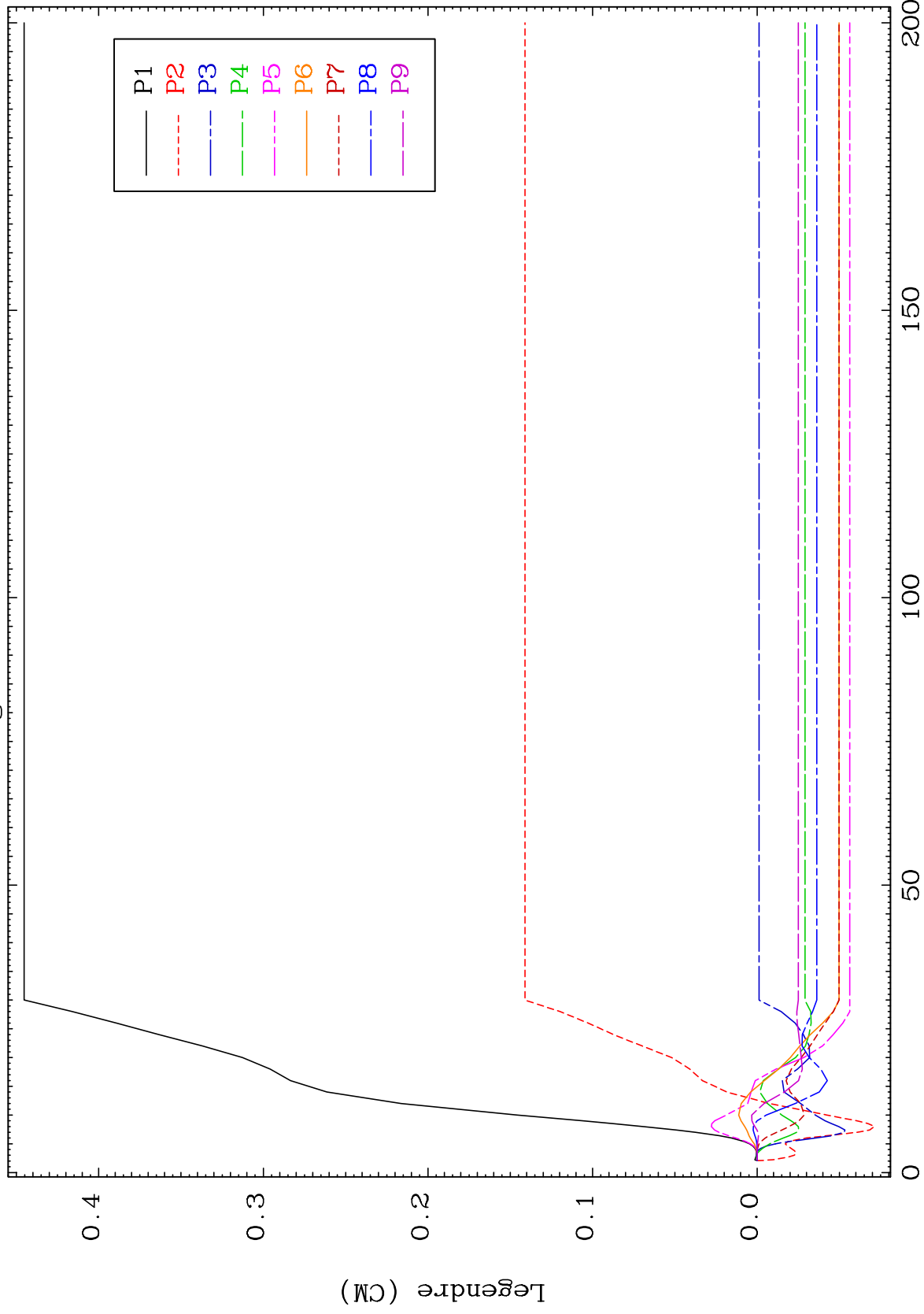
58-Ce-132



MAT 5813

MT= 69 (n,n') Level  
Legendre Coefficients

58-Ce-132



87

Incident Energy (MeV)

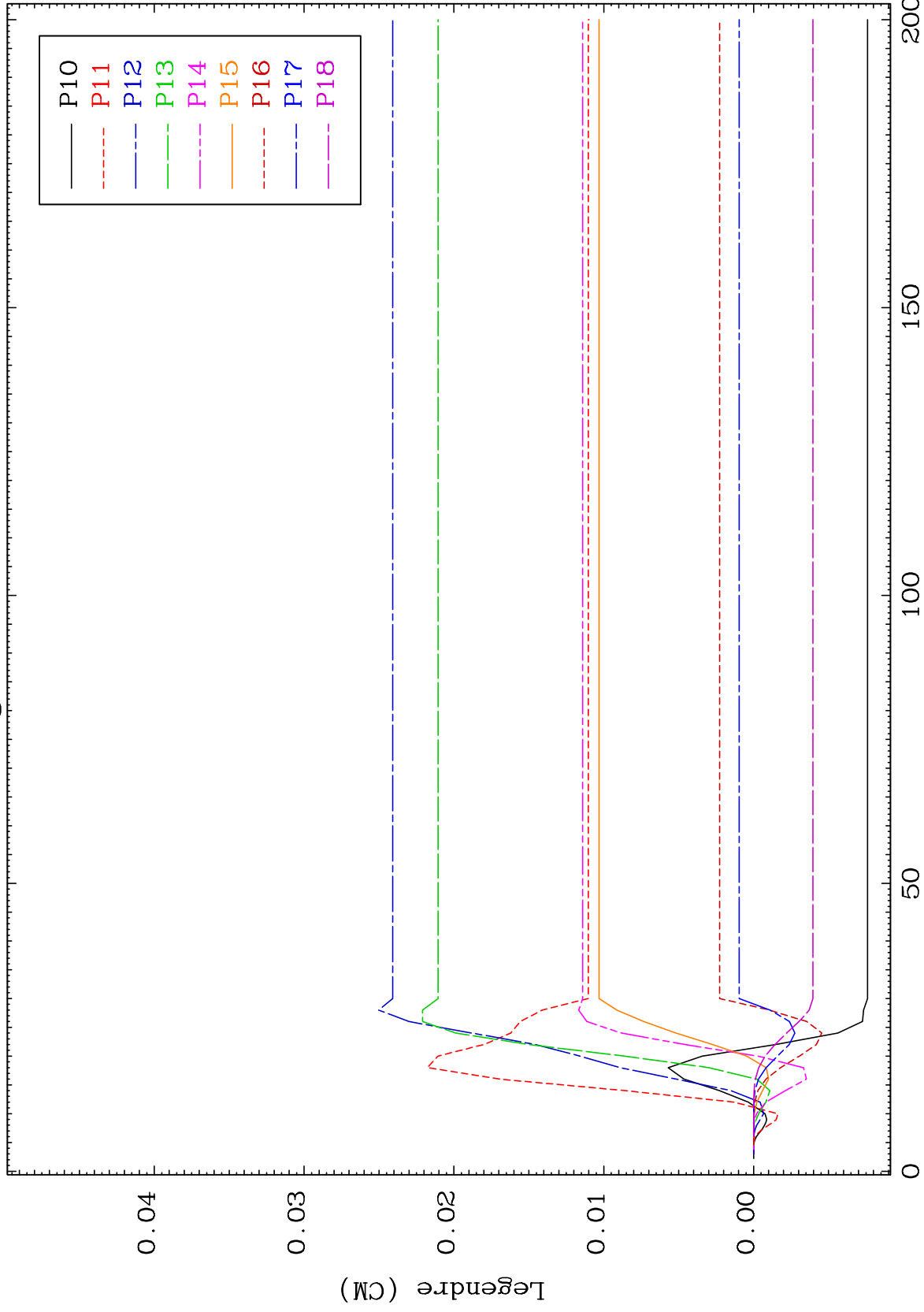
58-Ce-132



MAT 5813

MT= 69 (n,n') Level  
Legendre Coefficients

58-Ce-132



88

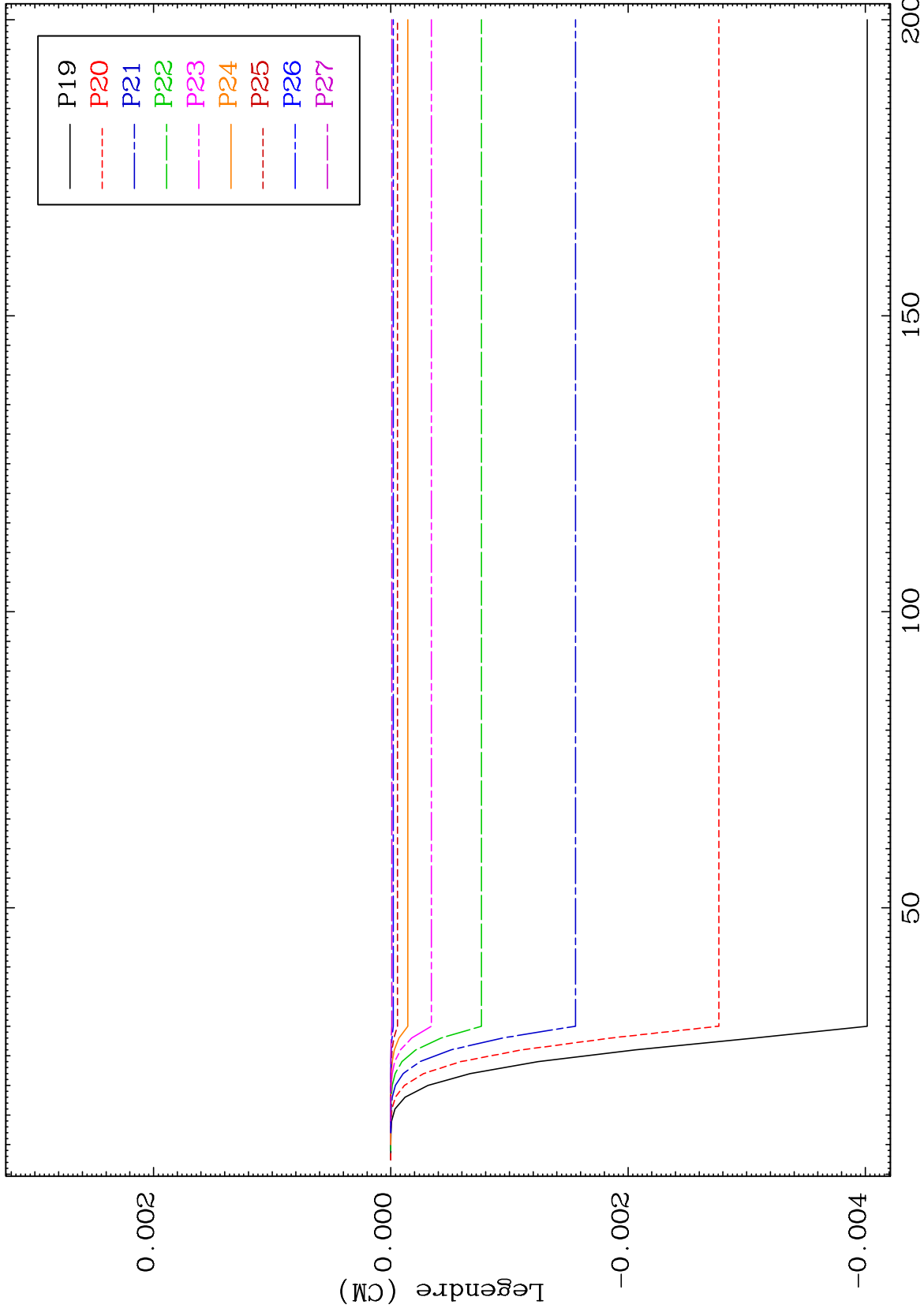
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 69 (n,n') Level  
Legendre Coefficients

58-Ce-132



89

Incident Energy (MeV)

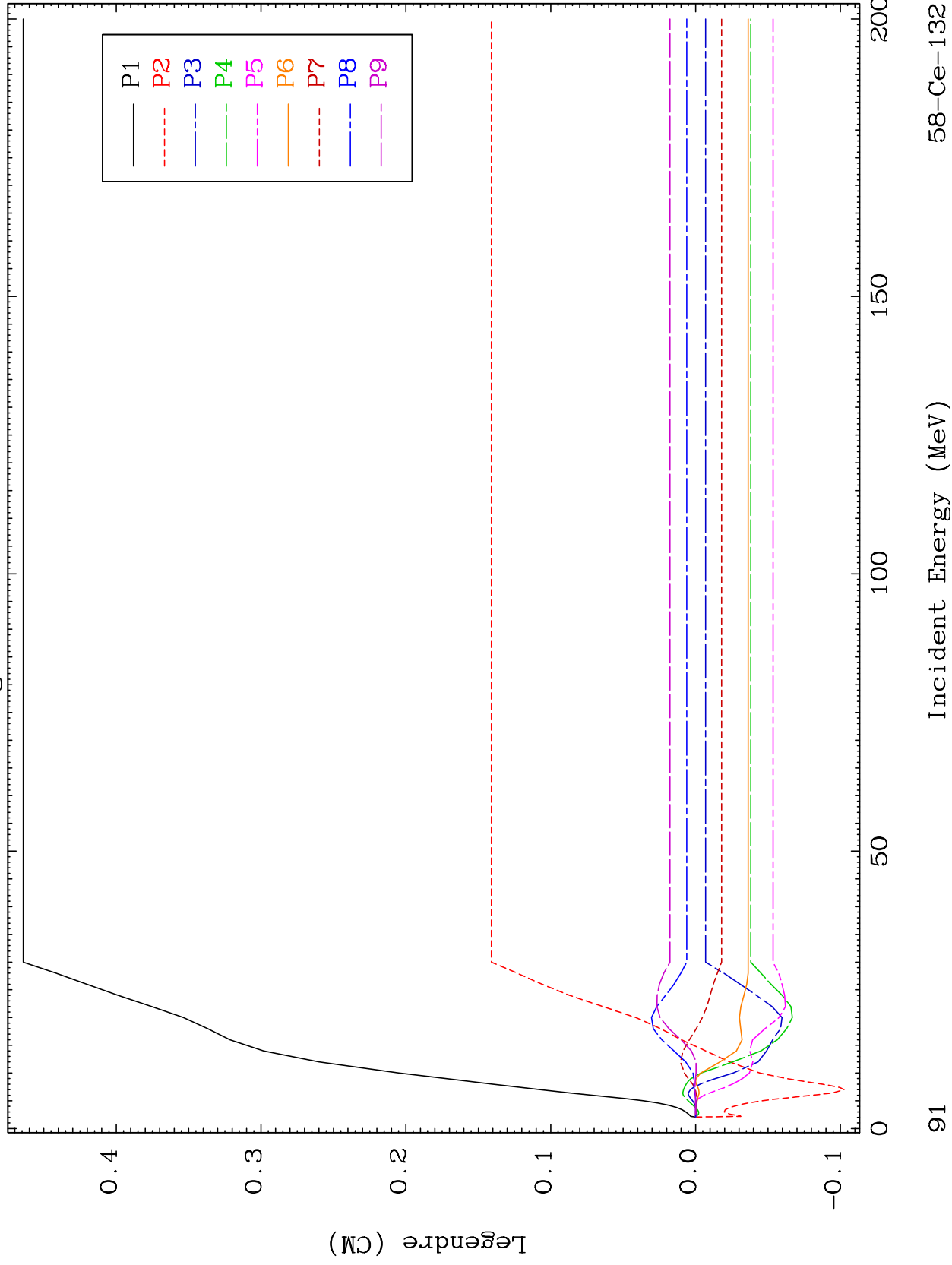
58-Ce-132



MAT 5813

MT= 70 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

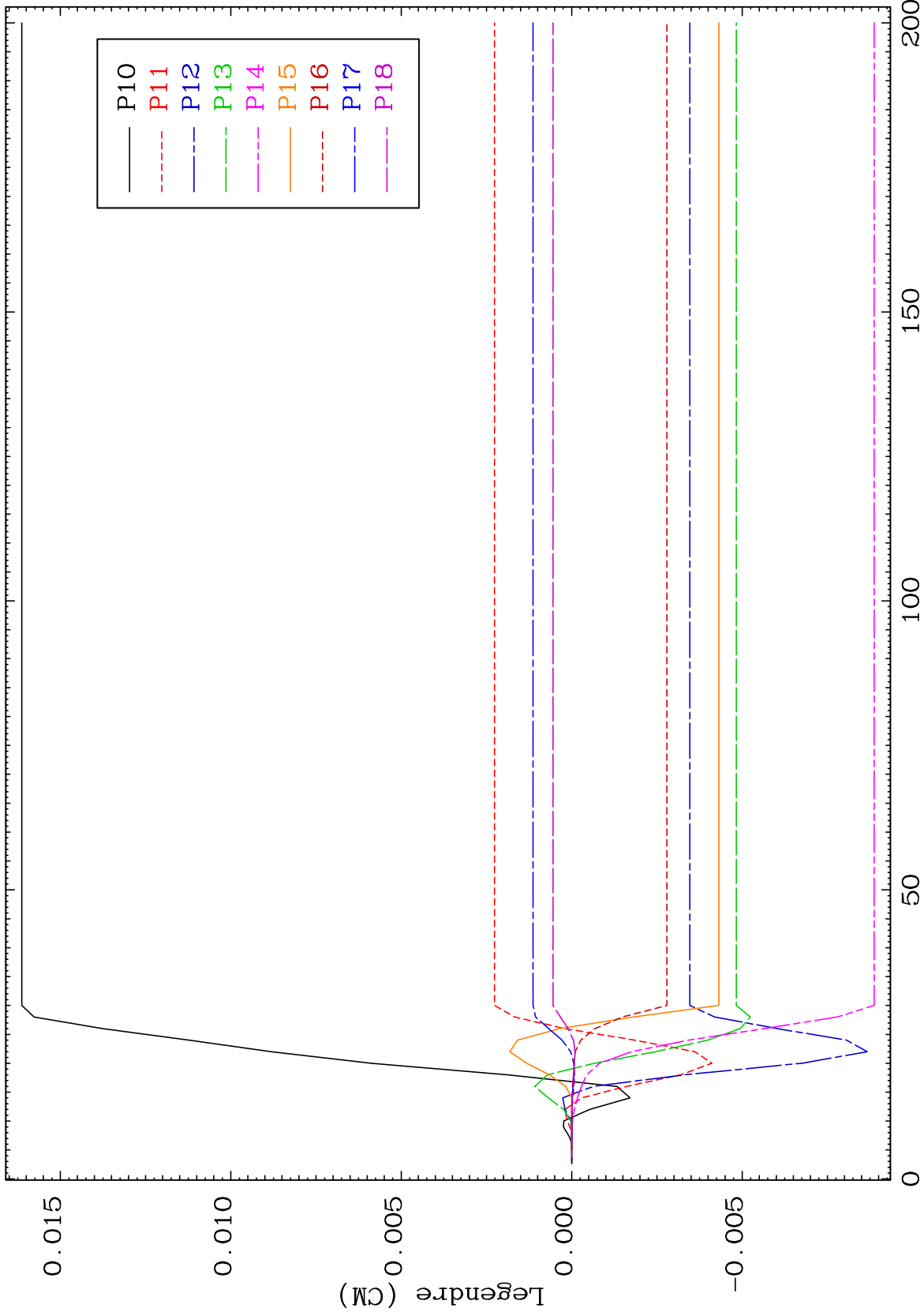
Incident Energy (MeV)

91

MAT 5813

MT= 70 (n,n') Level  
Legendre Coefficients

58-Ce-132



92

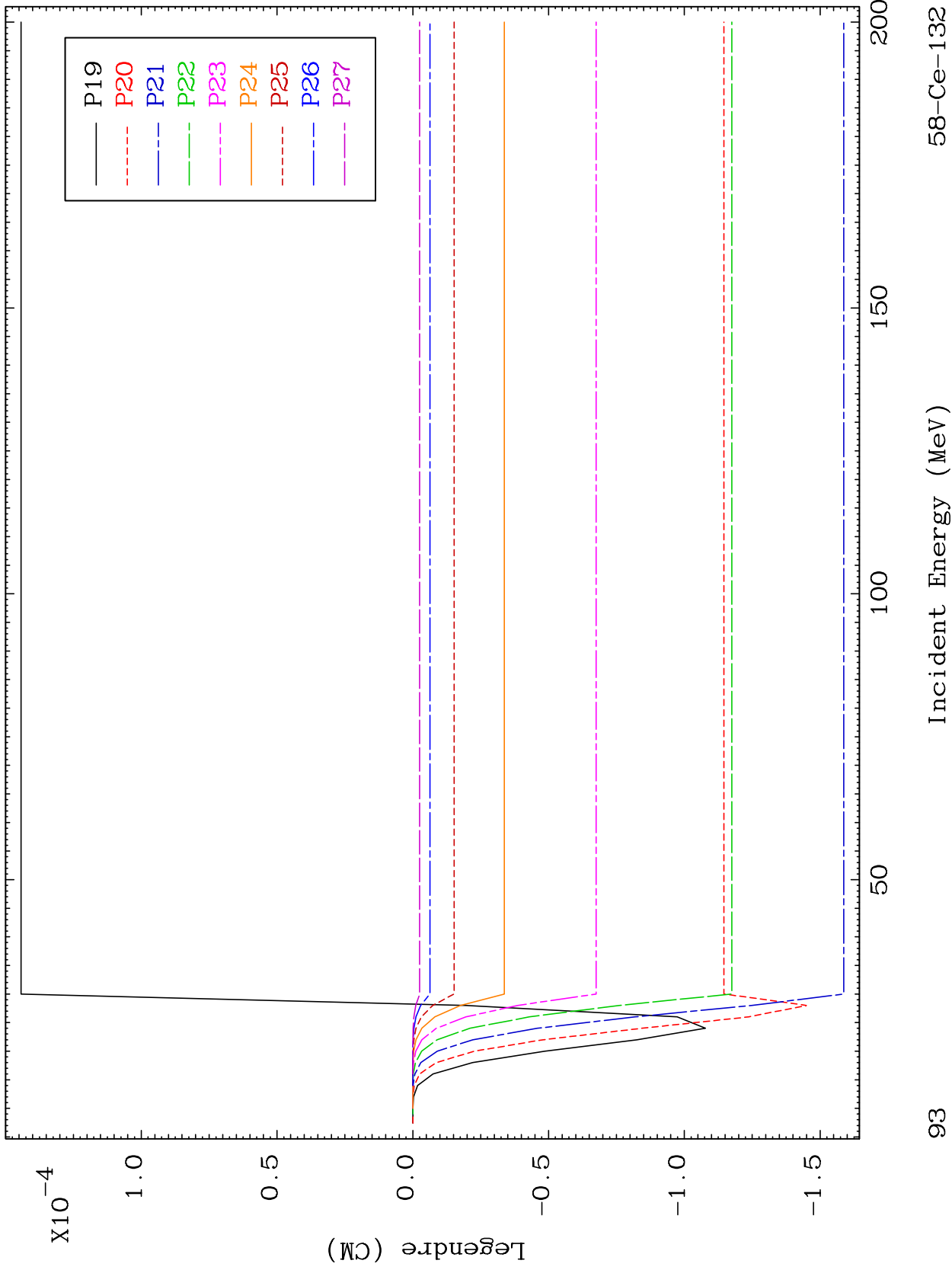
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 70 (n,n') Level  
Legendre Coefficients

58-Ce-132

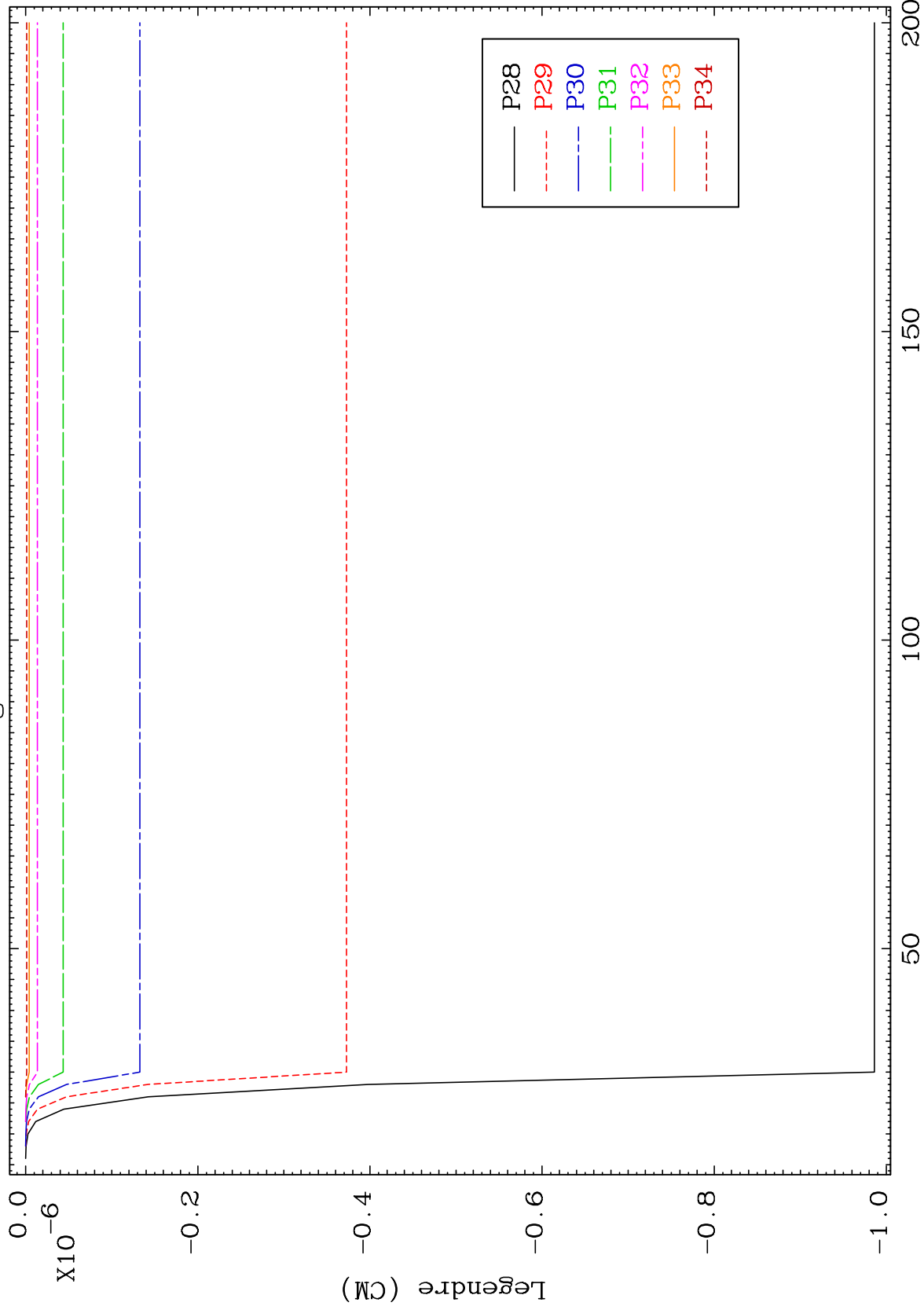


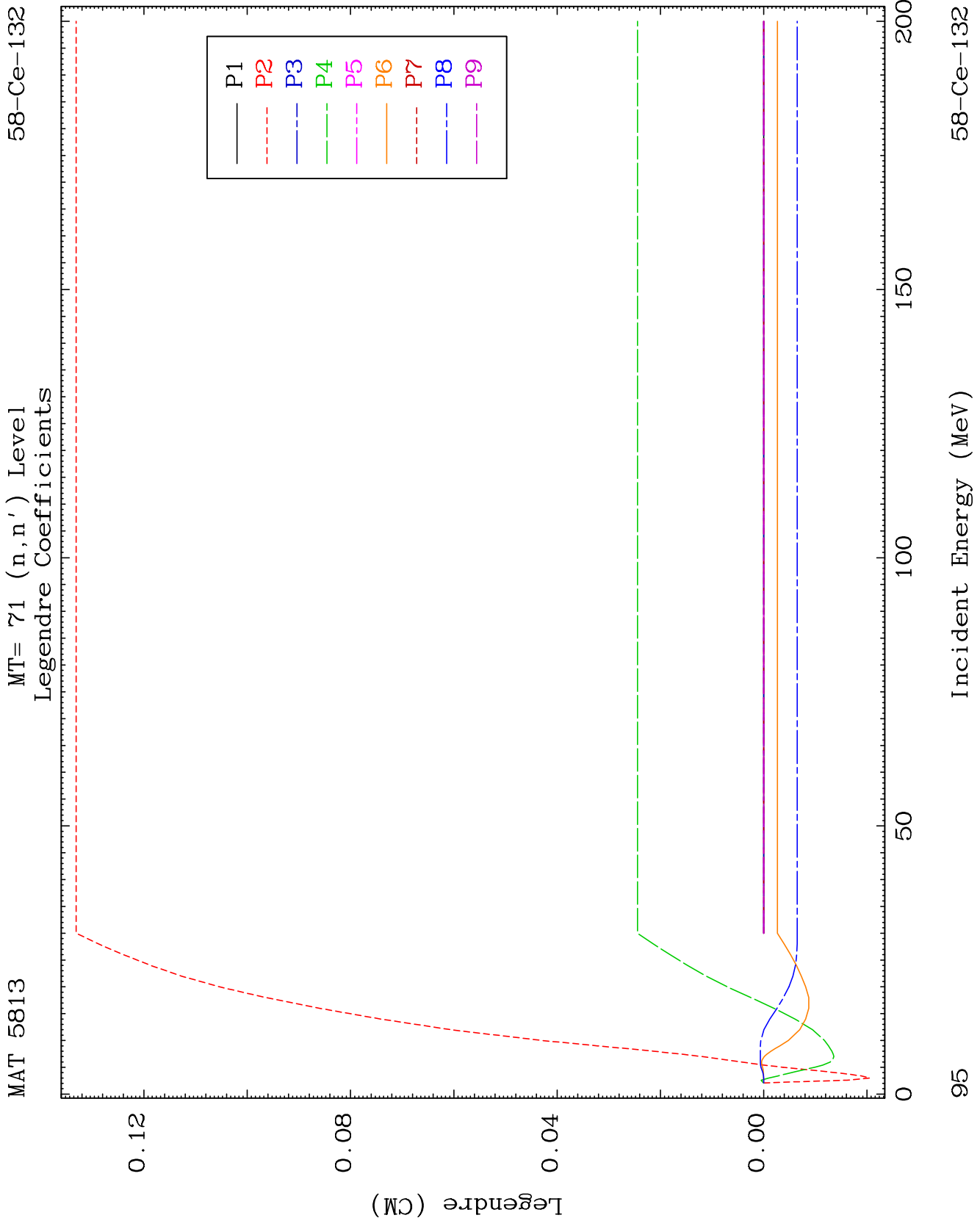
MAT 5813

MT= 70 (n,n') Level

58-Ce-132

Legendre Coefficients



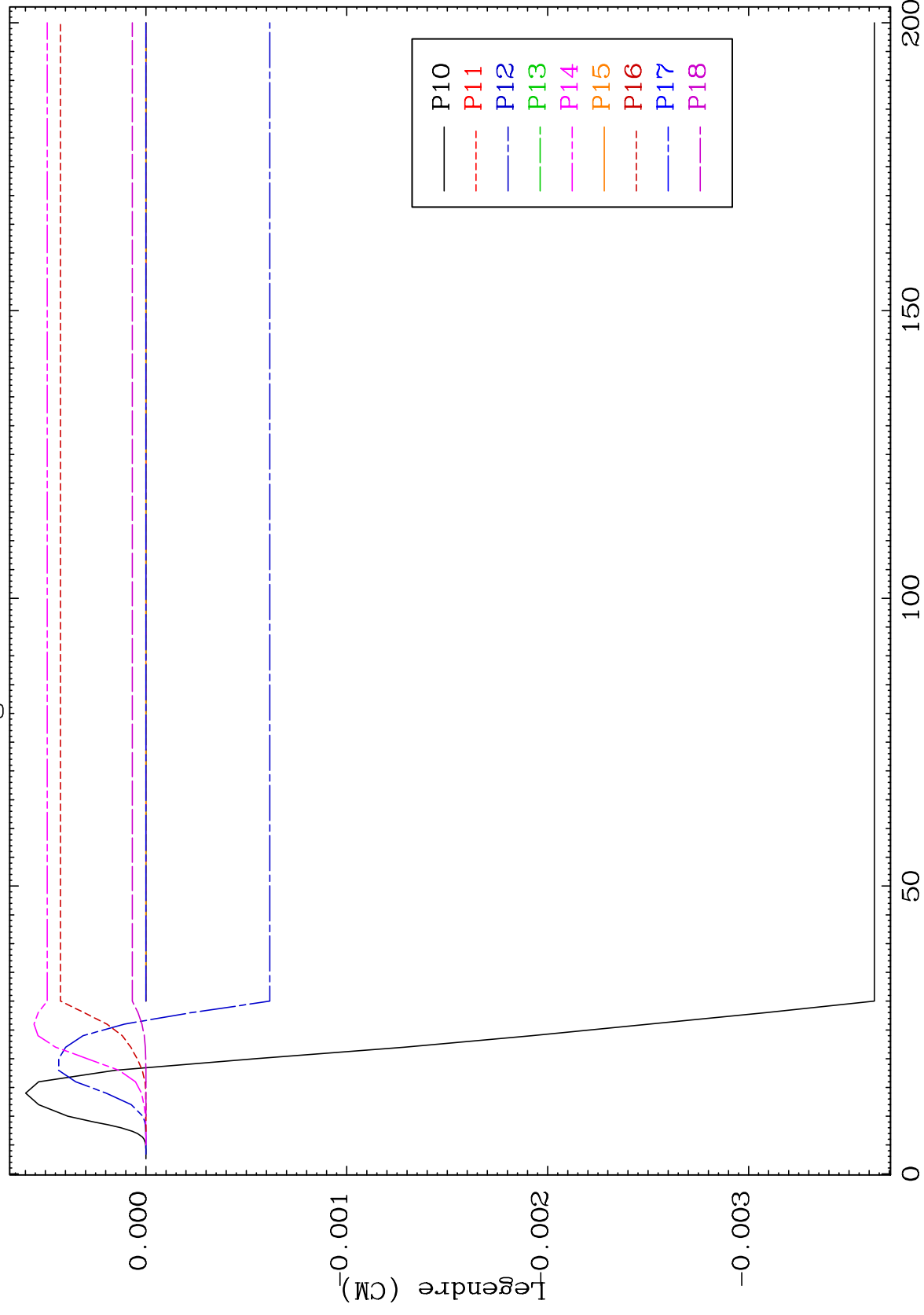




MAT 5813

MT= 71 (n,n') Level  
Legendre Coefficients

58-Ce-132



96

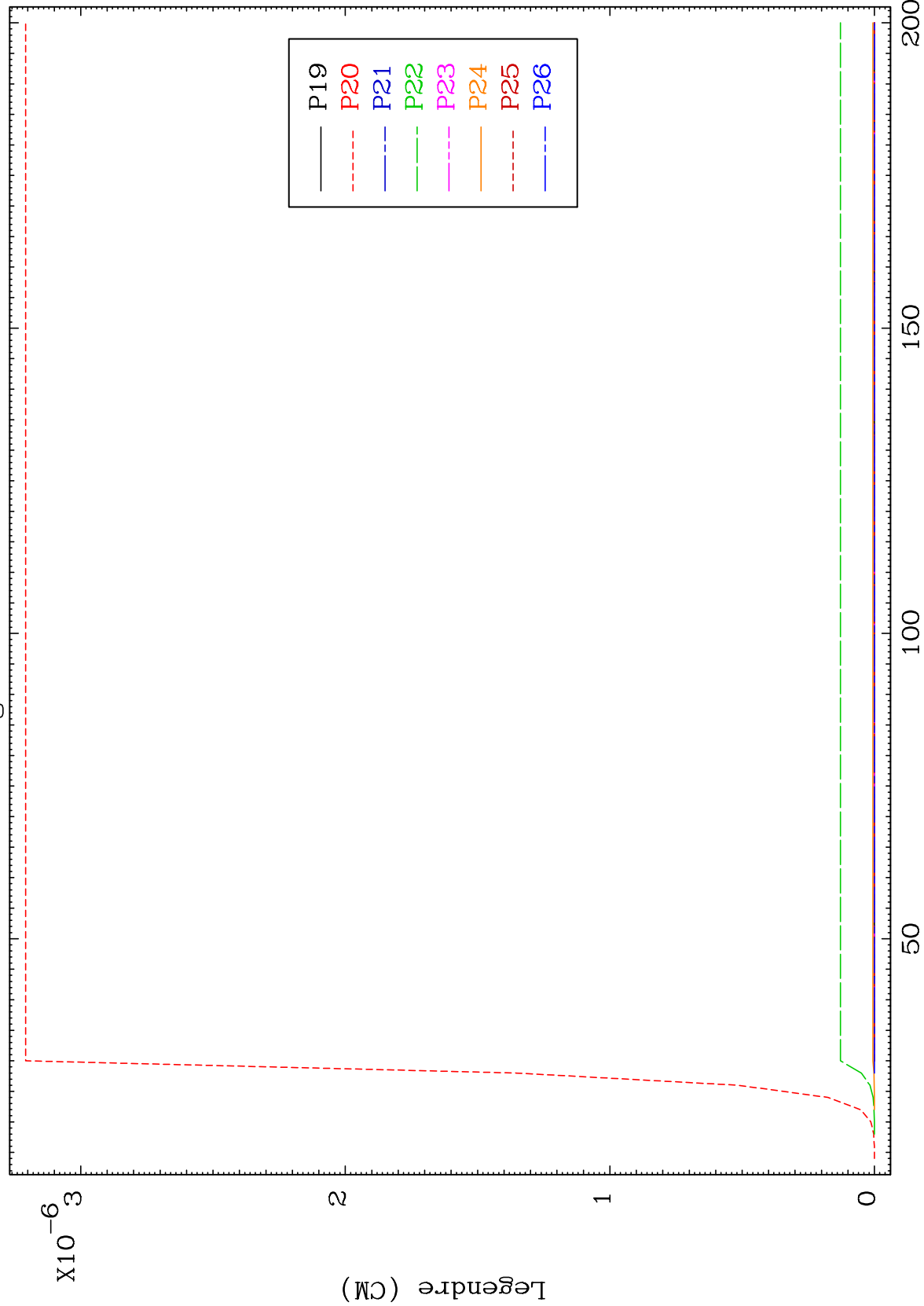
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 71 (n,n') Level  
Legendre Coefficients

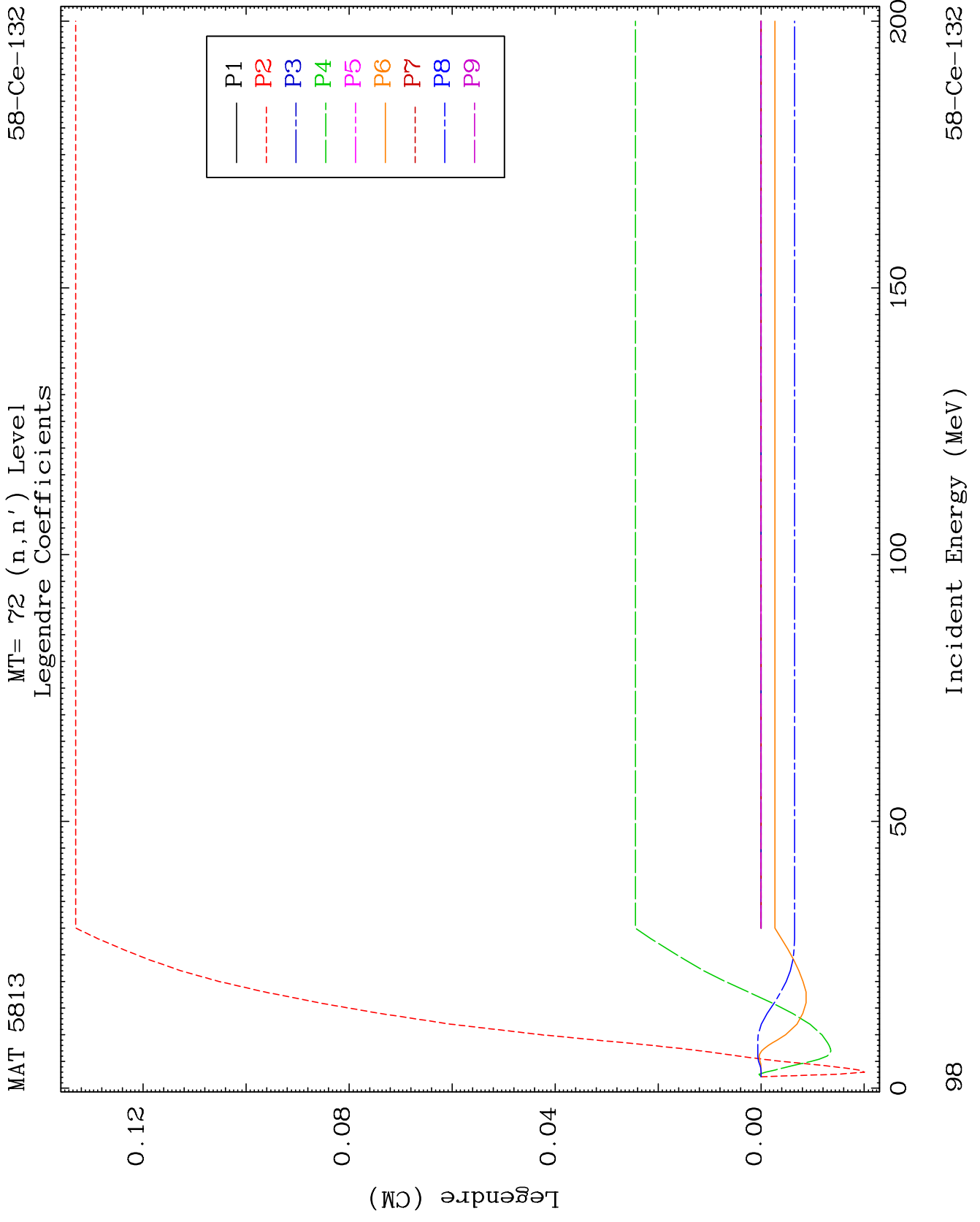
58-Ce-132



58-Ce-132

Incident Energy (MeV)

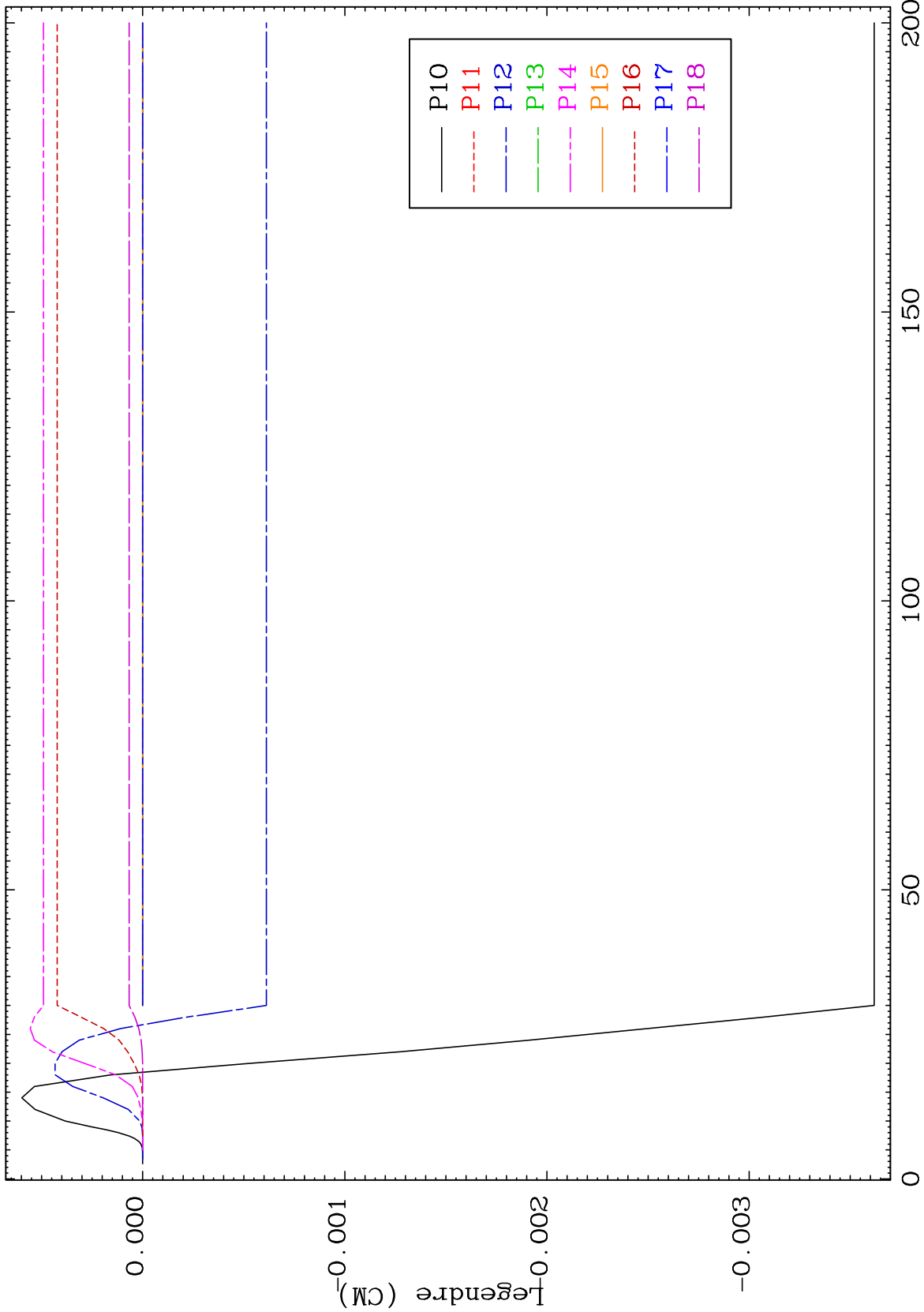
97



MAT 5813

MT= 72 (n,n') Level  
Legendre Coefficients

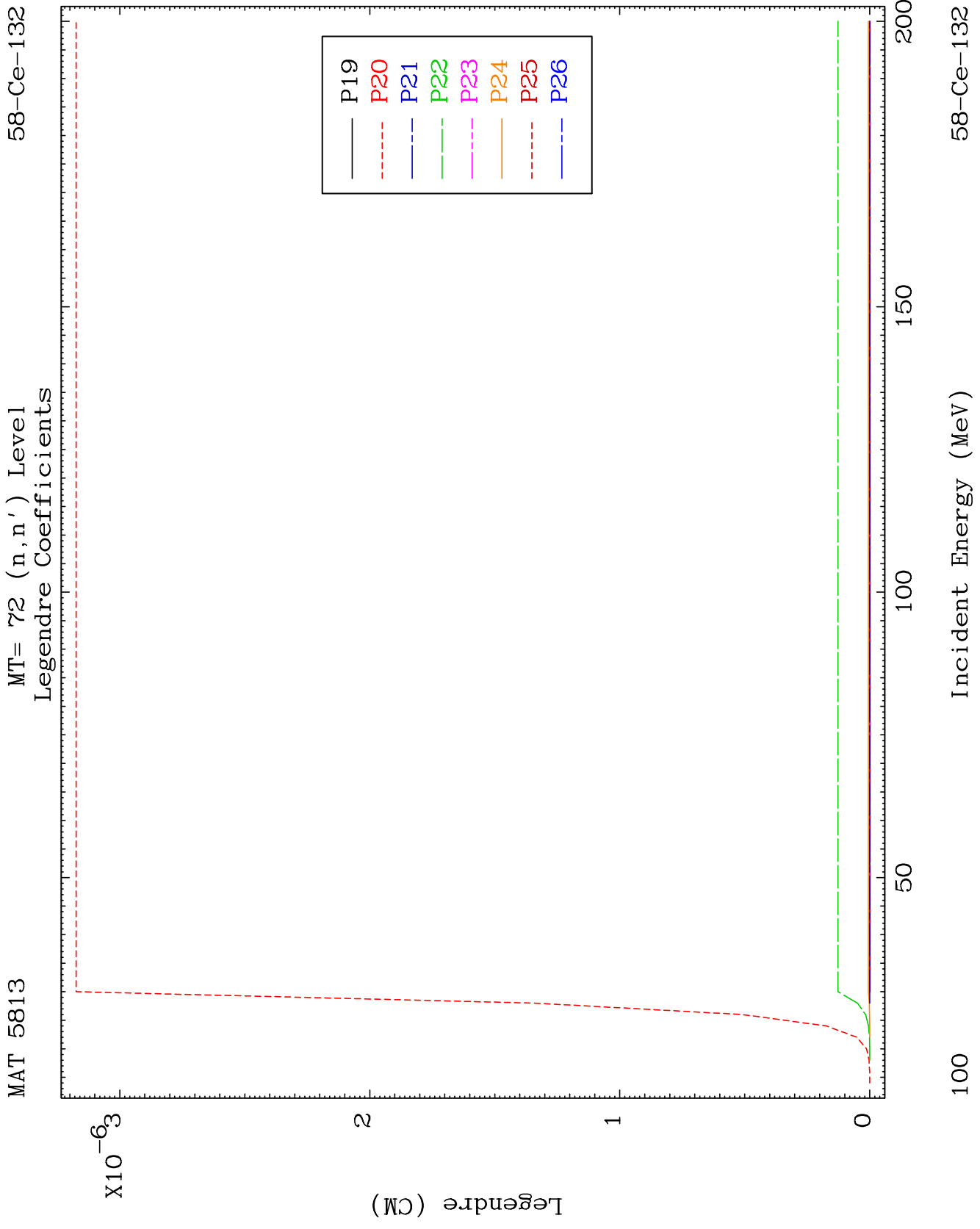
58-Ce-132



99

Incident Energy (MeV)

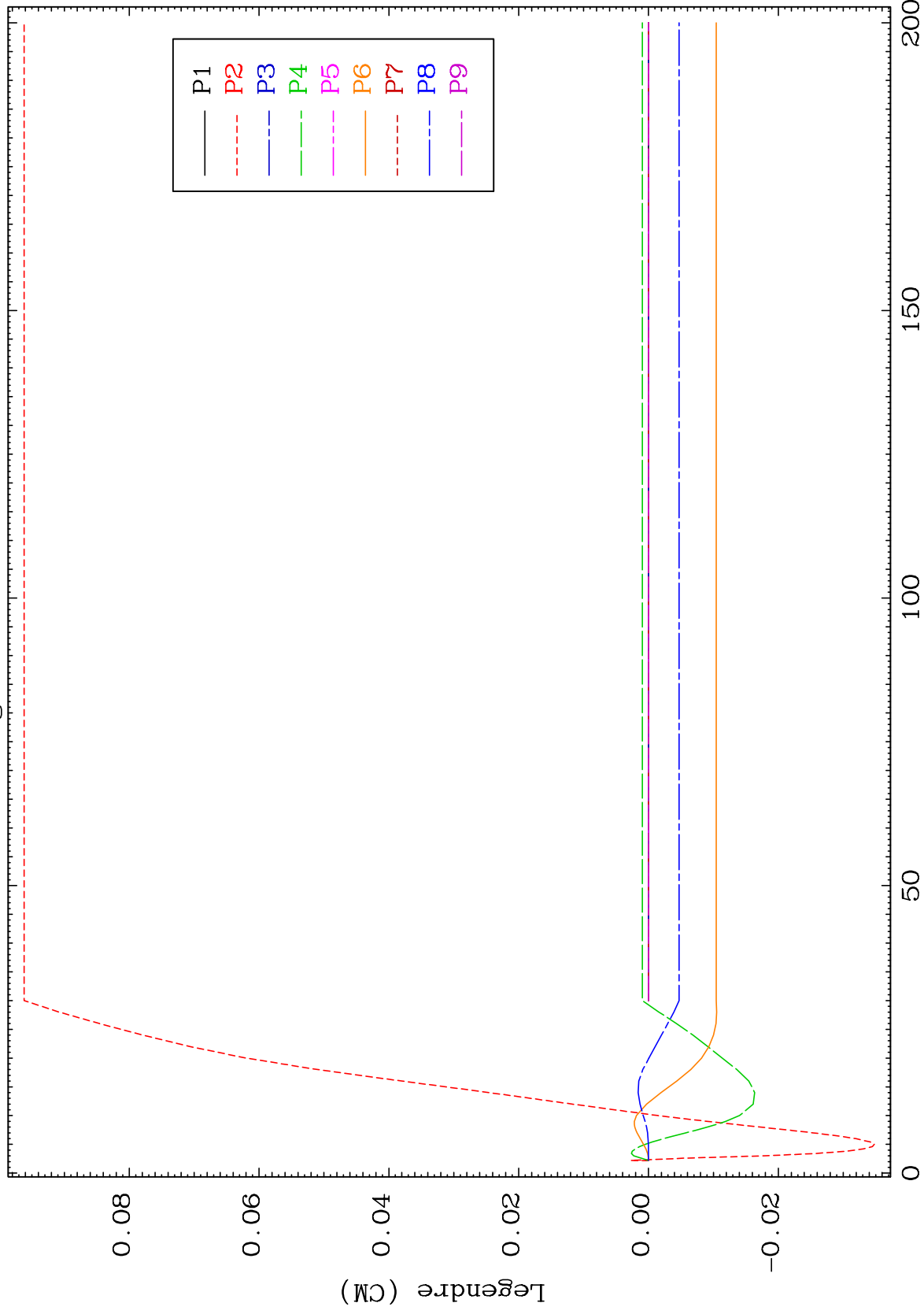
58-Ce-132



MAT 5813

MT= 73 (n,n') Level  
Legendre Coefficients

58-Ce-132



101

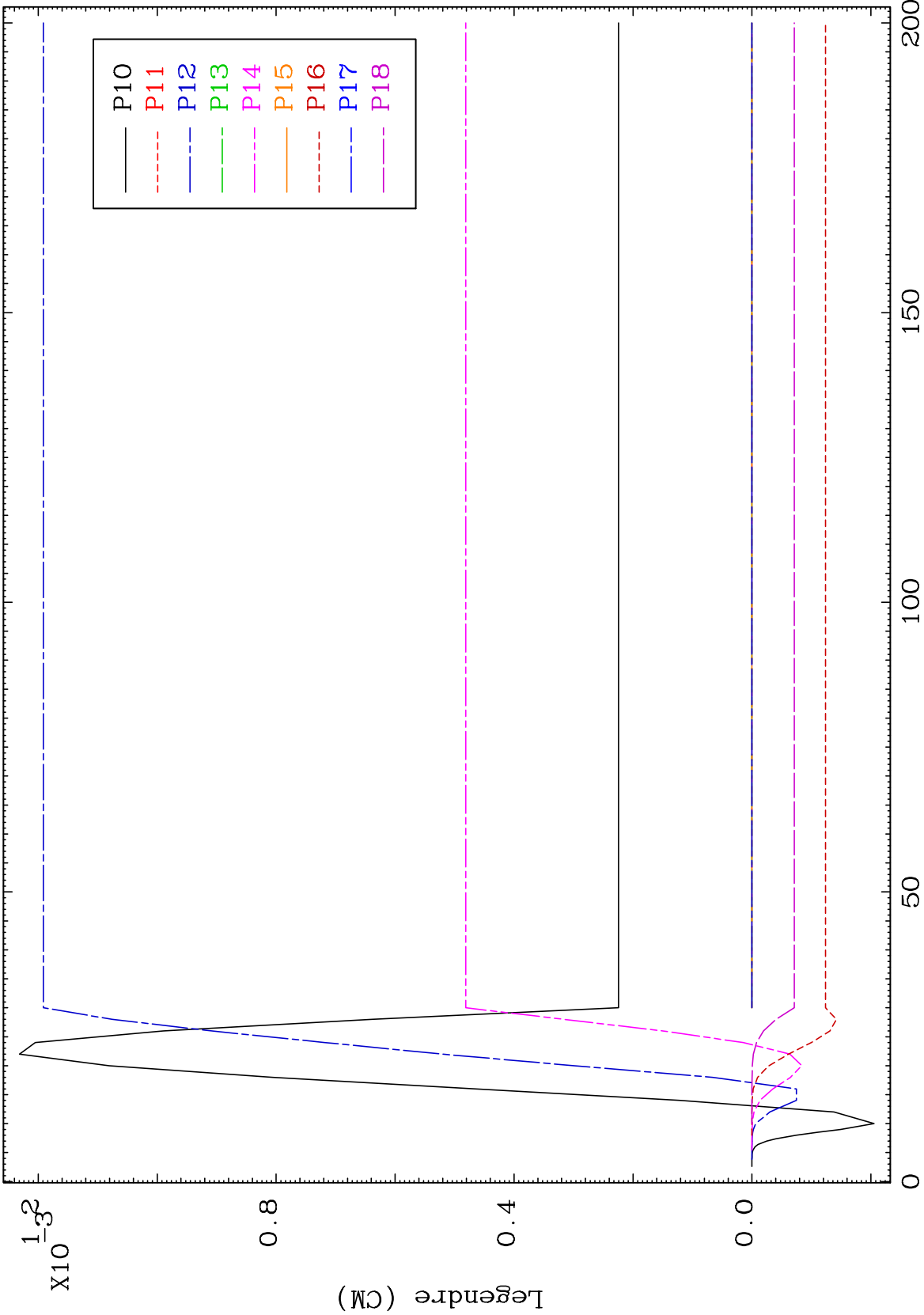
Incident Energy (MeV)

58-Ce-132

MAT 5813

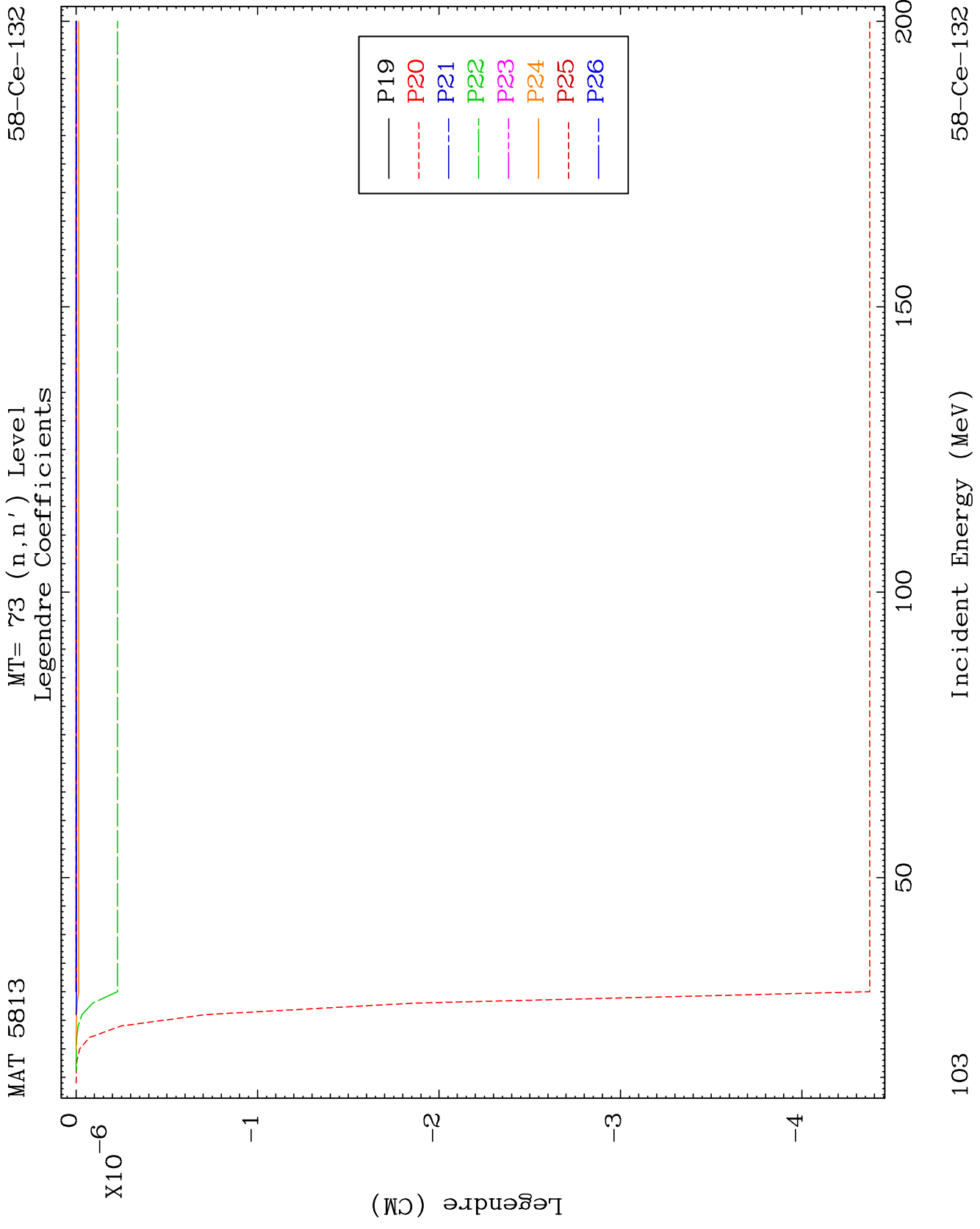
MT= 73 (n,n') Level  
Legendre Coefficients

58-Ce-132

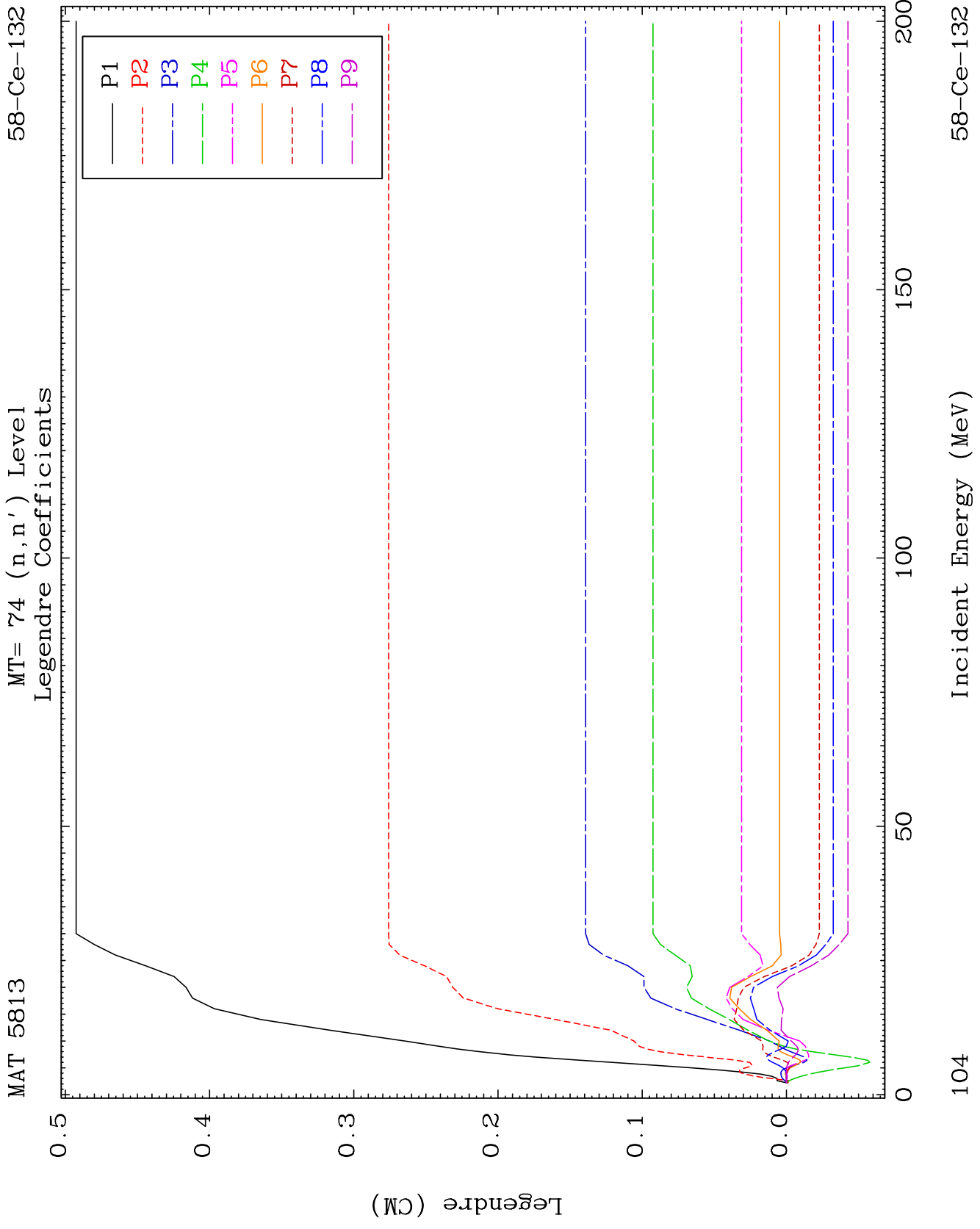


102

58-Ce-132



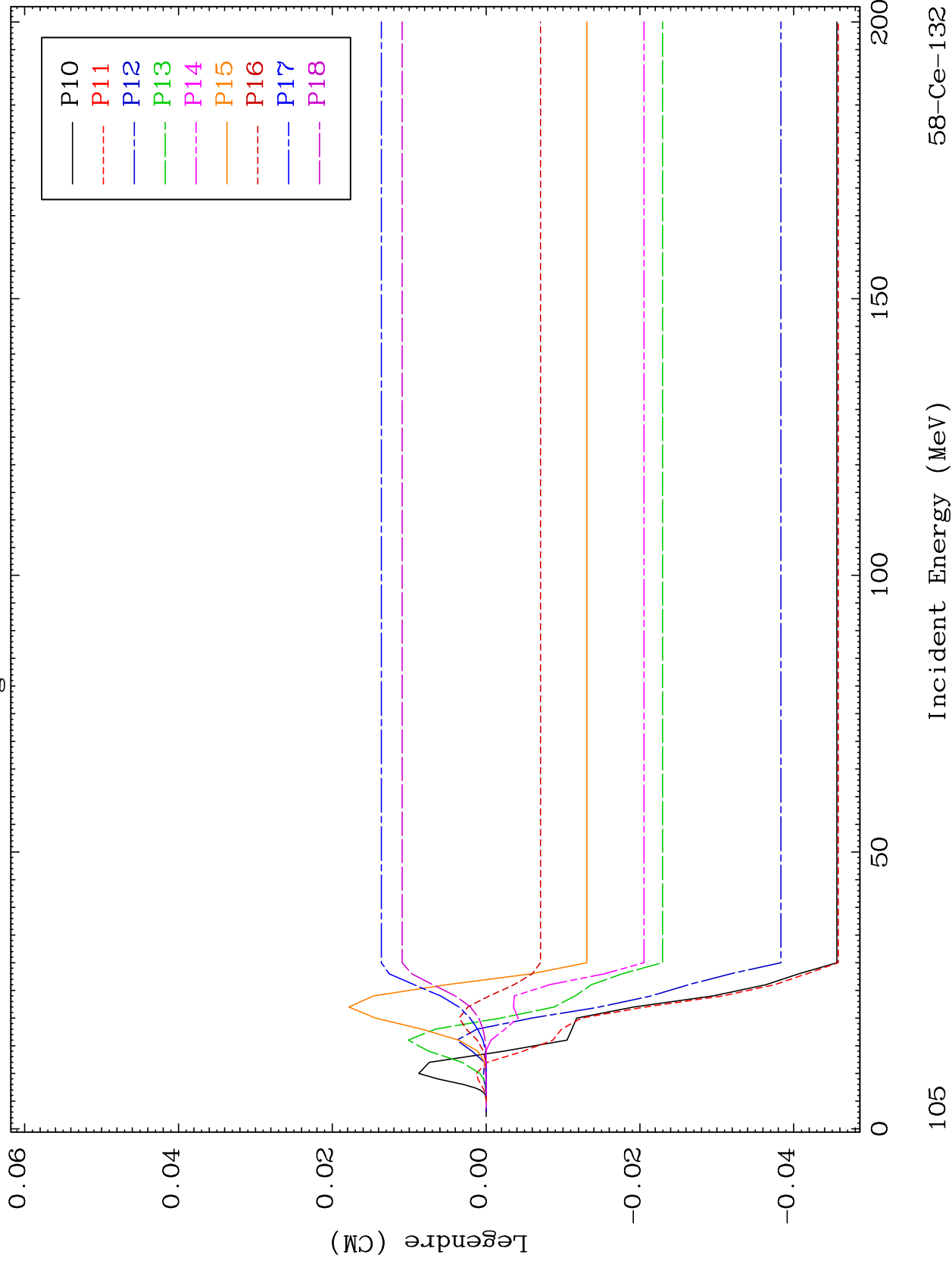




MAT 5813

MT= 74 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

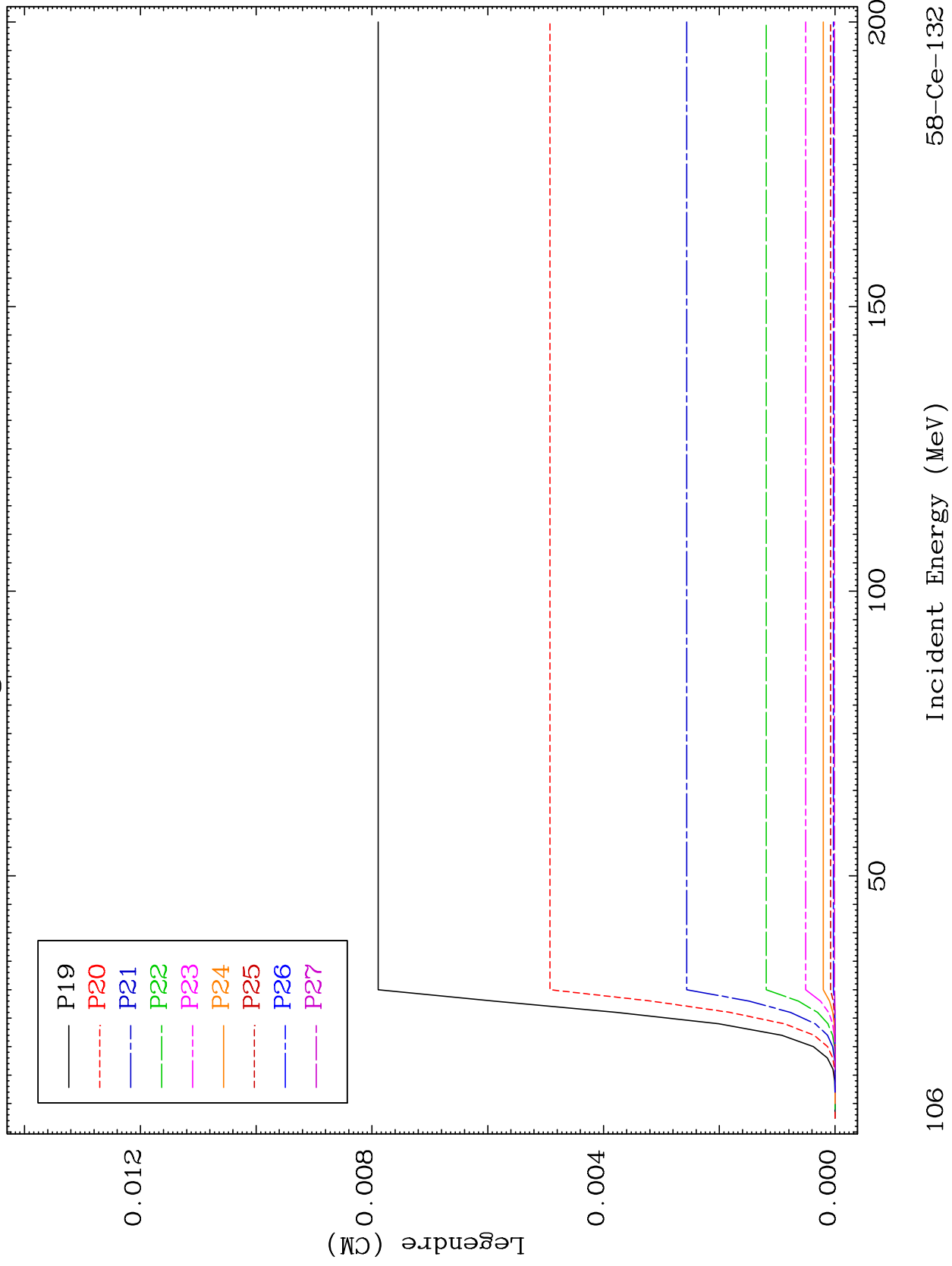
Incident Energy (MeV)

105

MAT 5813

MT= 74 (n,n') Level  
Legendre Coefficients

58-Ce-132



106

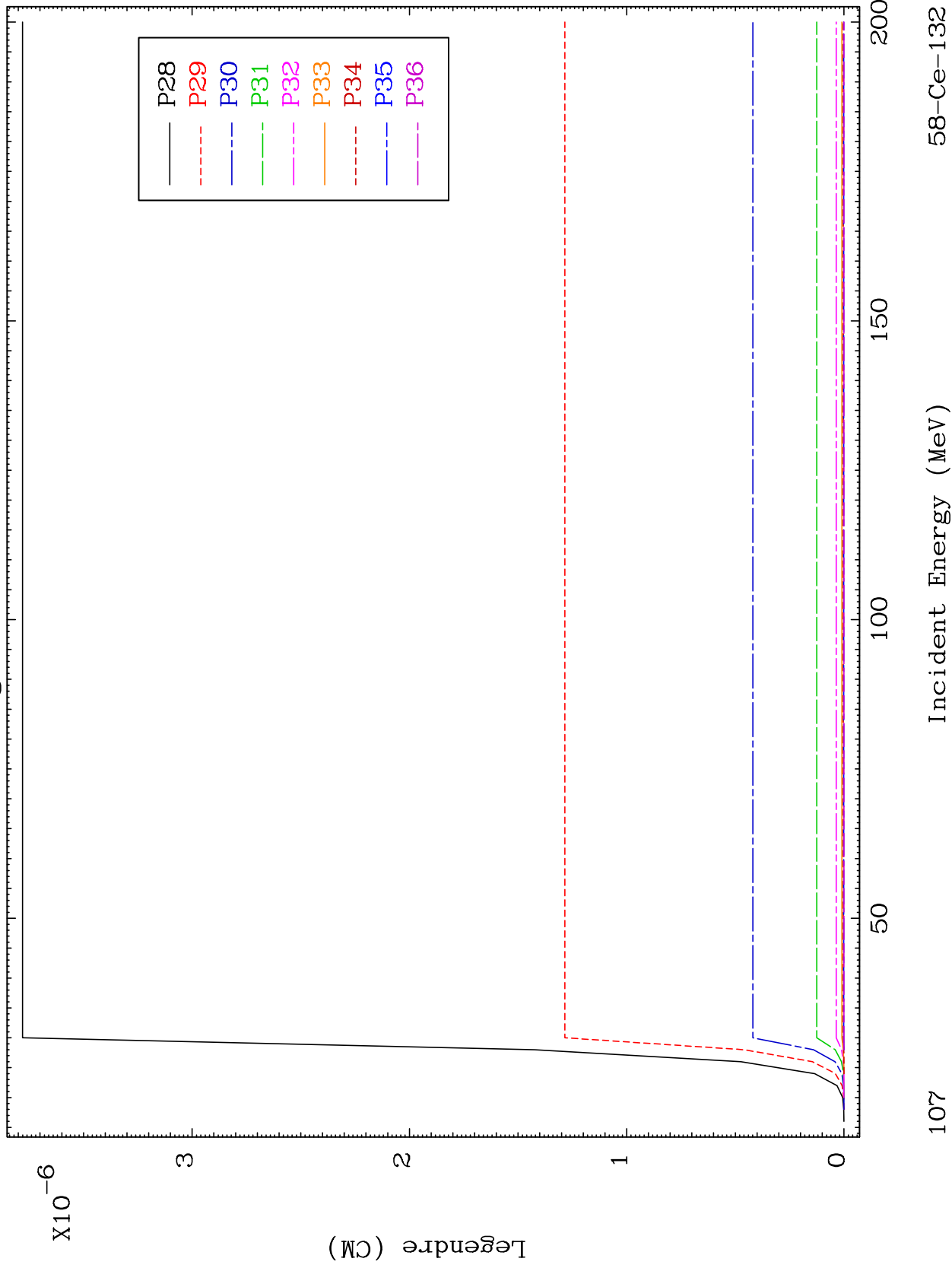
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 74 (n,n') Level  
Legendre Coefficients

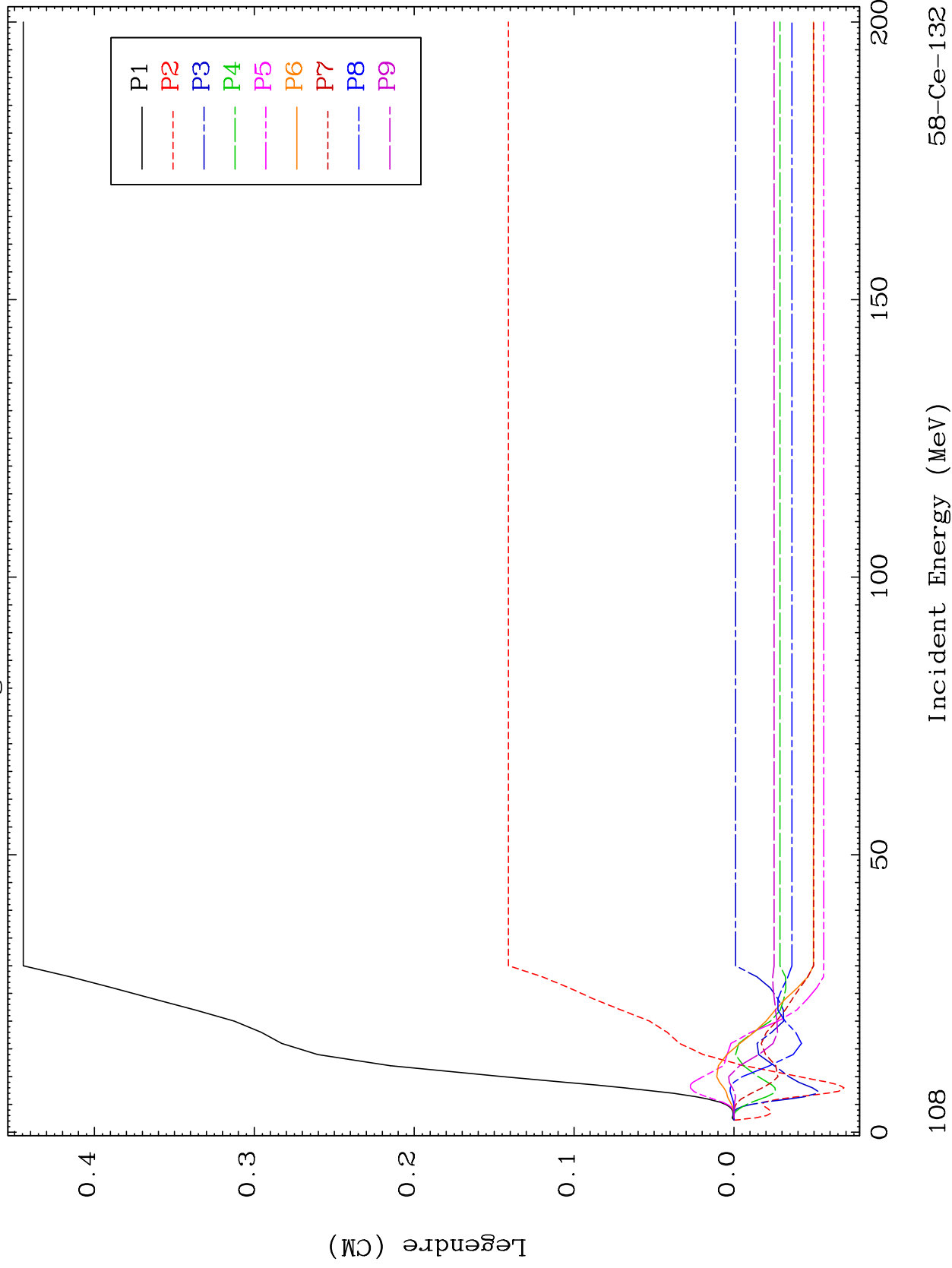
58-Ce-132



MAT 5813

MT= 75 (n,n') Level  
Legendre Coefficients

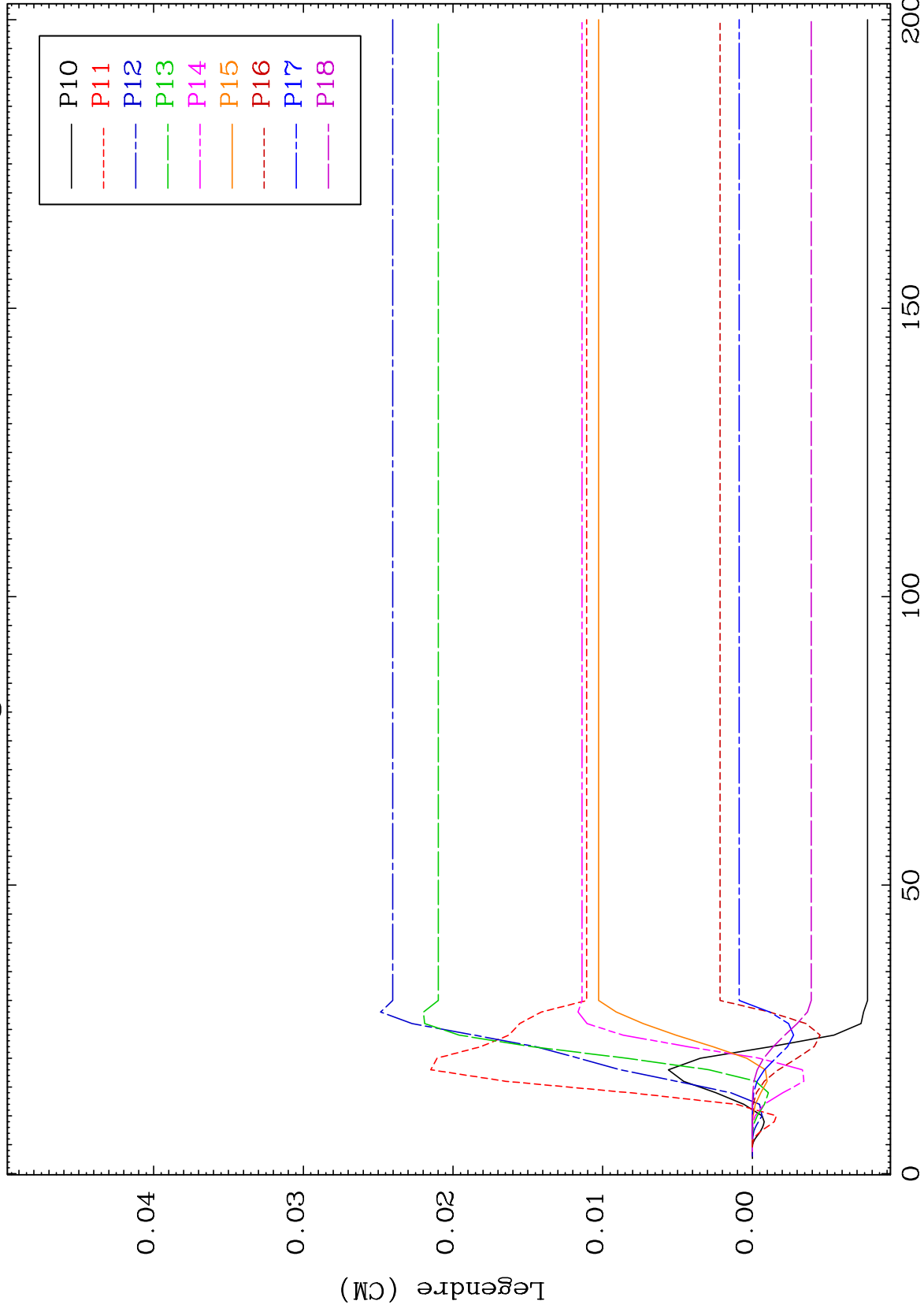
58-Ce-132



MAT 5813

MT= 75 (n,n') Level  
Legendre Coefficients

58-Ce-132



109

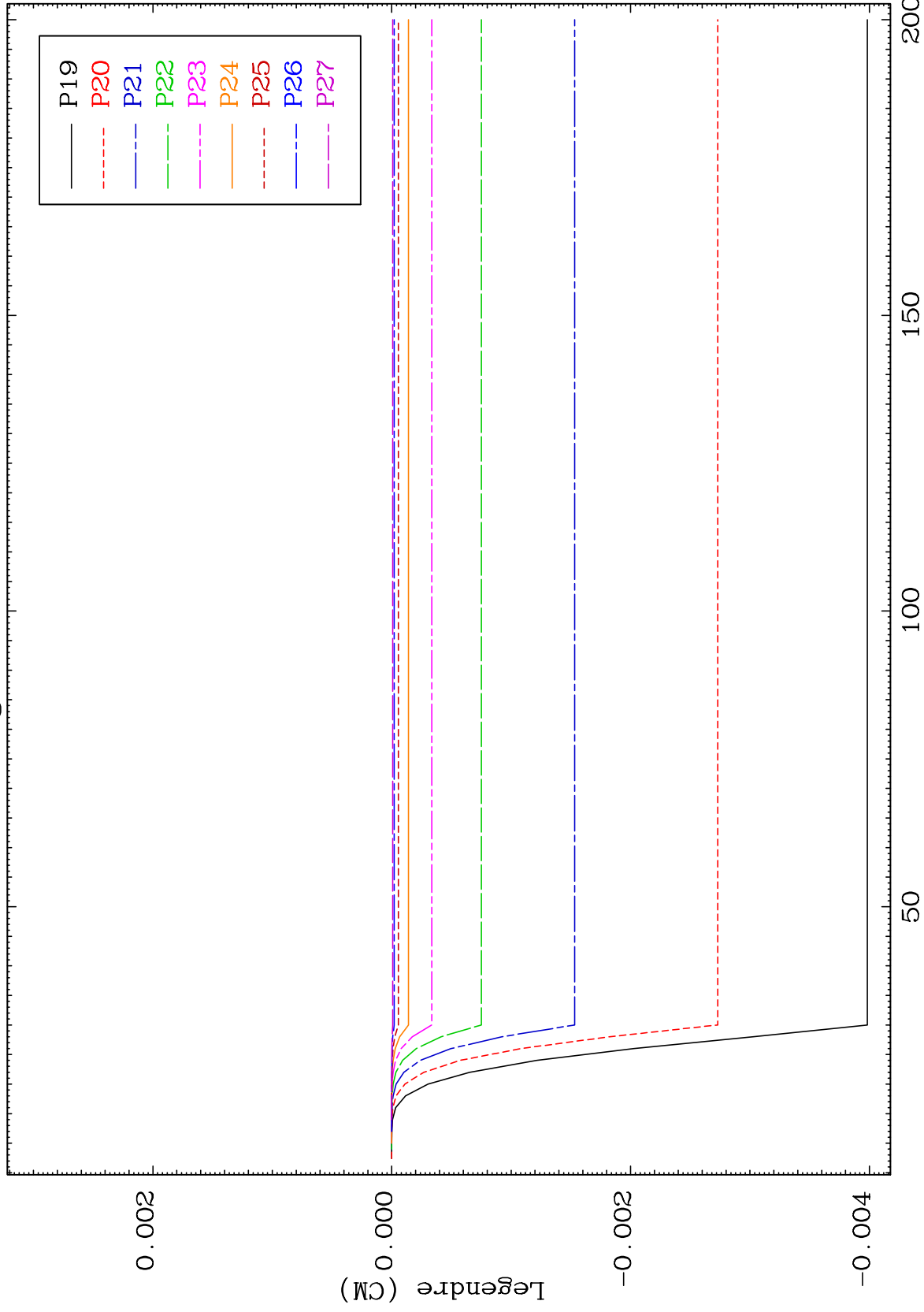
Incident Energy (MeV)

58-Ce-132

MAT 5813

MT= 75 (n,n') Level  
Legendre Coefficients

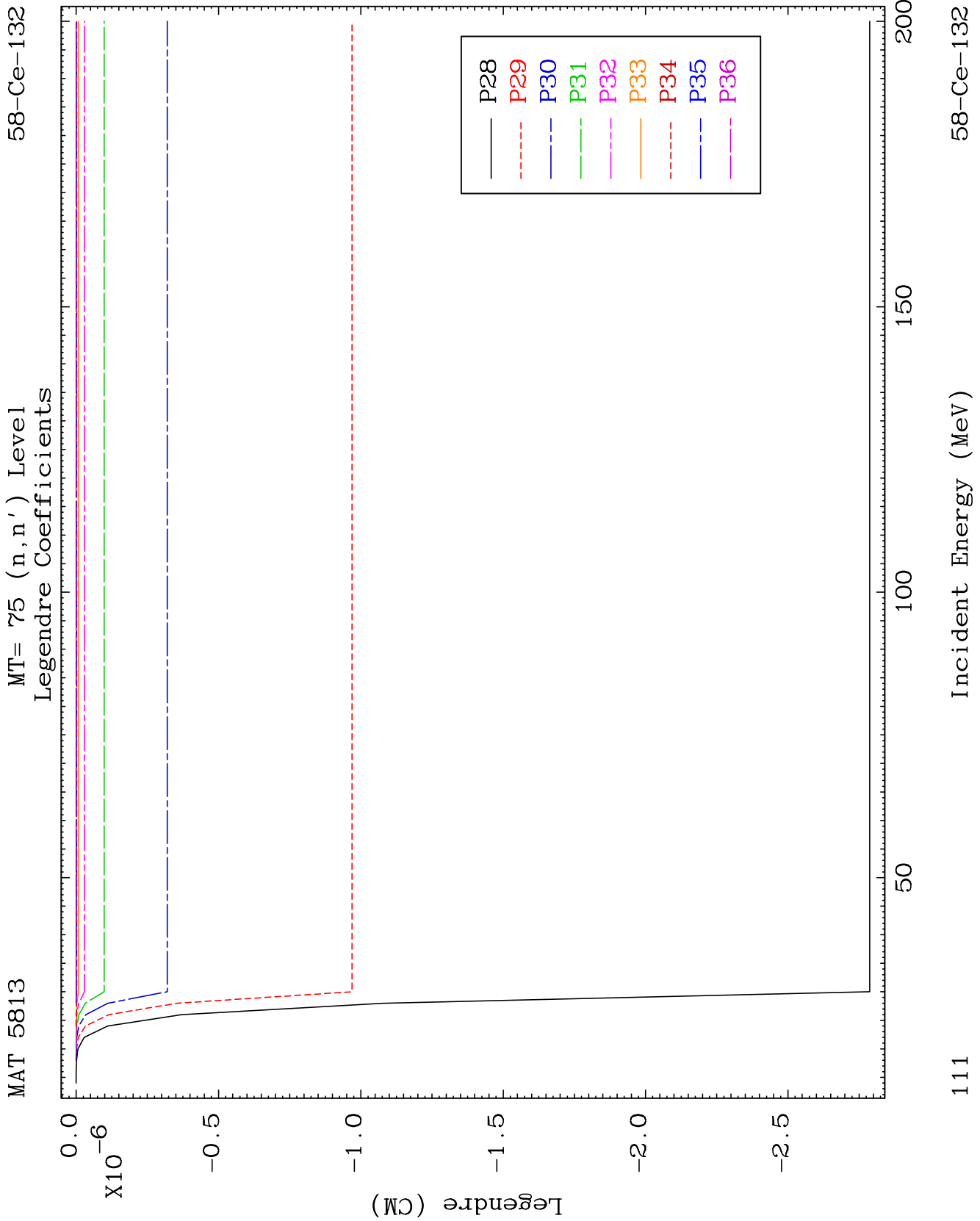
58-Ce-132



110

Incident Energy (MeV)

58-Ce-132

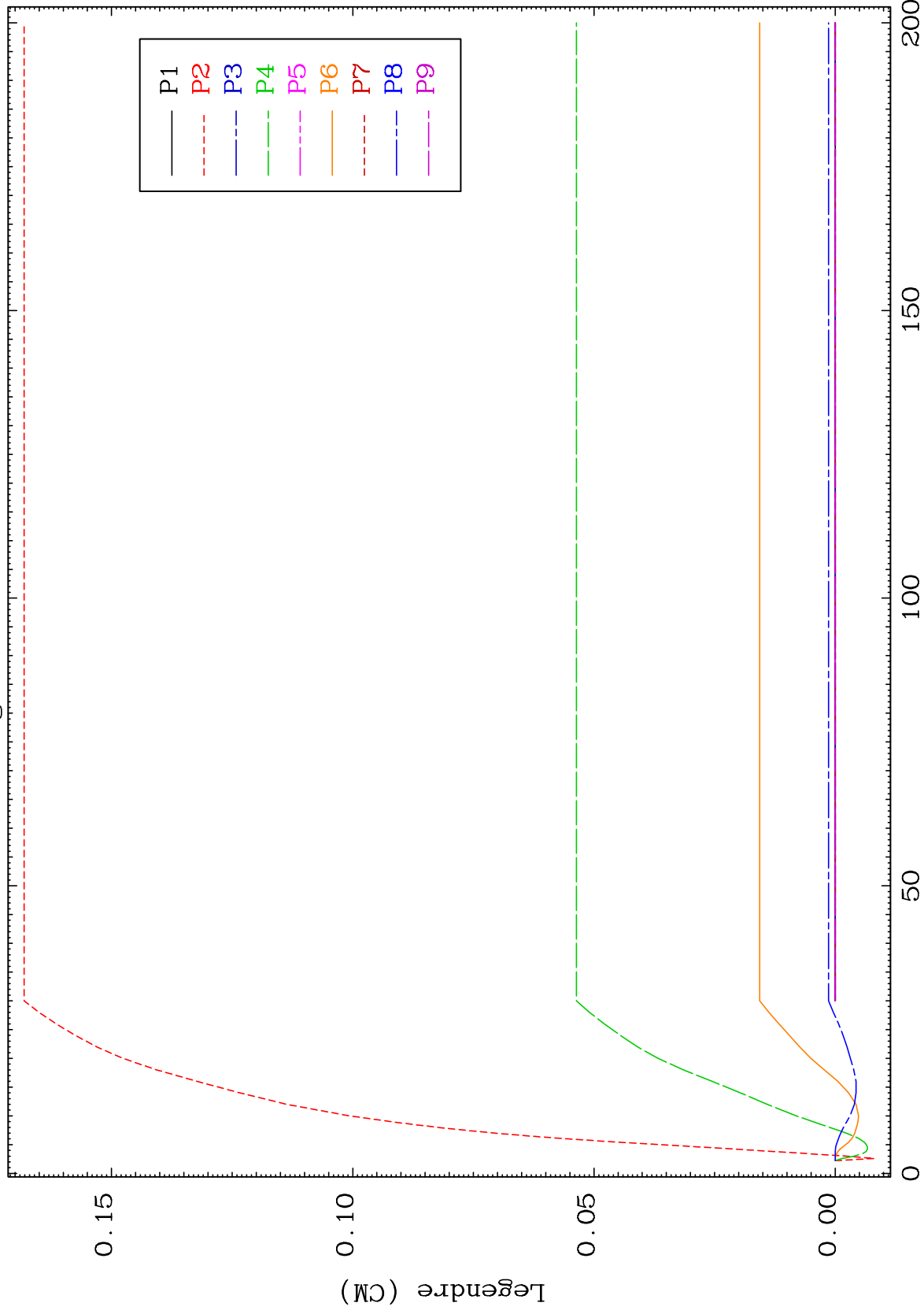




MAT 5813

MT= 76 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

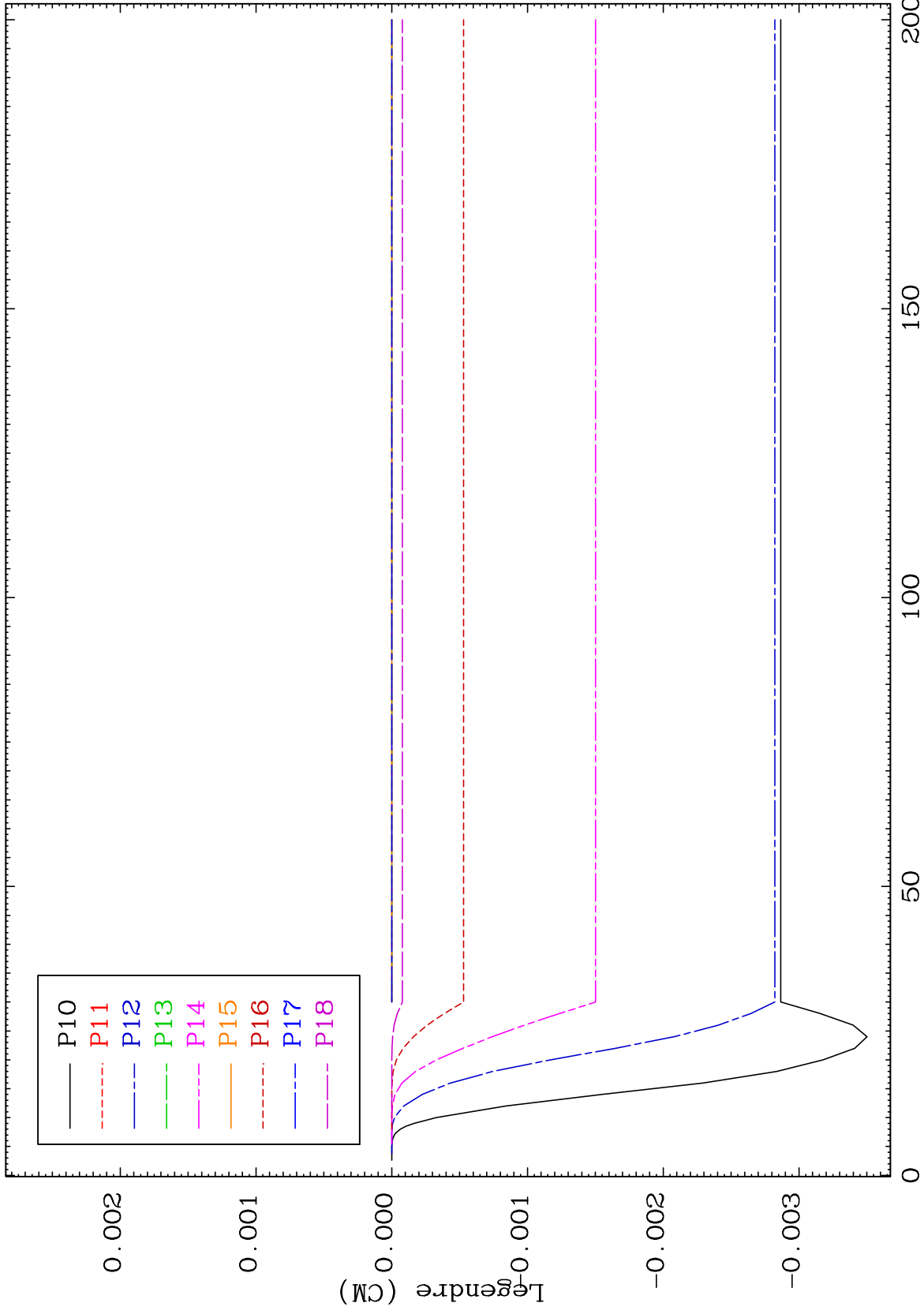
Incident Energy (MeV)

112

MAT 5813

MT= 76 (n,n') Level  
Legendre Coefficients

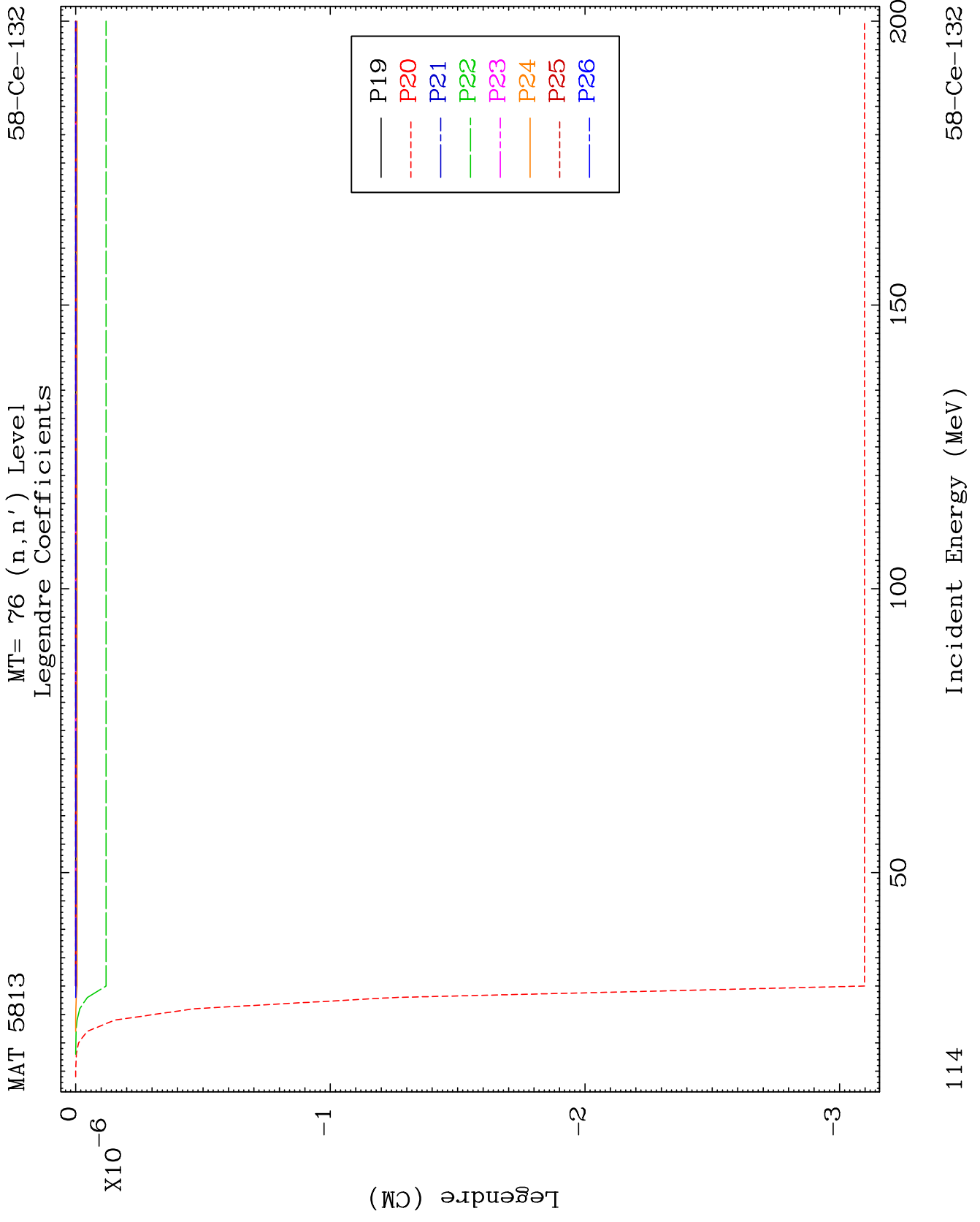
58-Ce-132



113

Incident Energy (MeV)

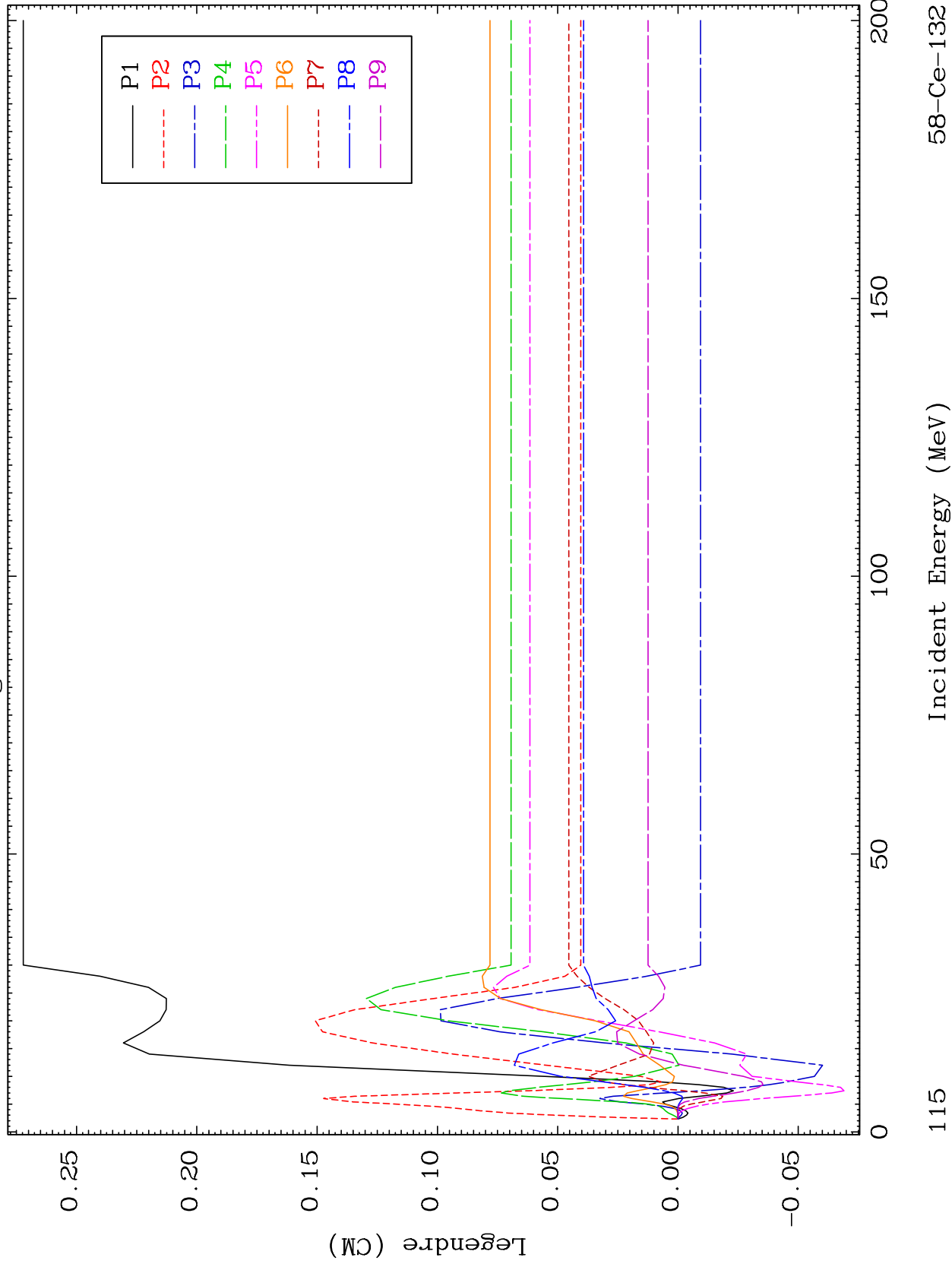
58-Ce-132



MAT 5813

MT= 77 (n,n') Level  
Legendre Coefficients

58-Ce-132



58-Ce-132

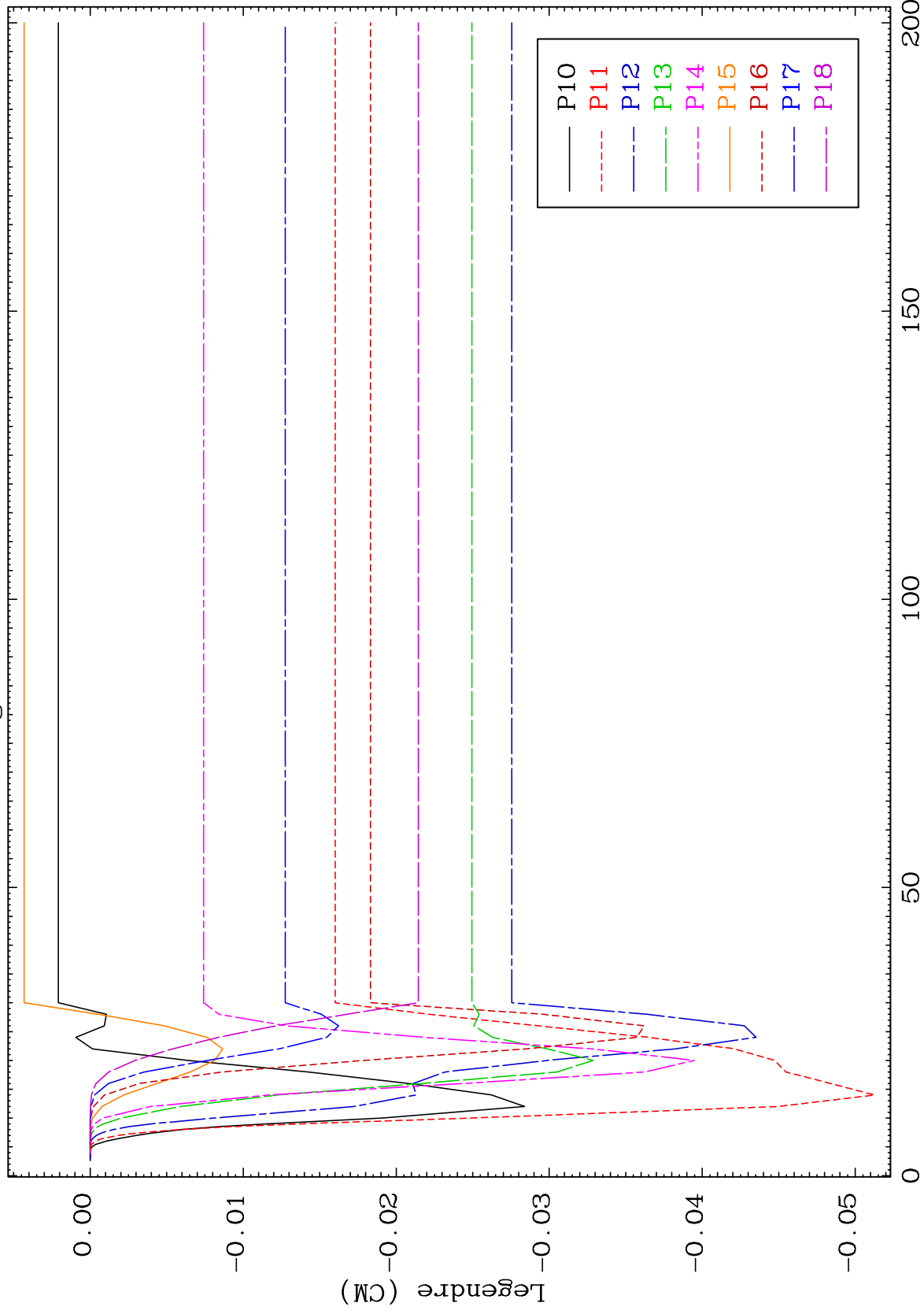
Incident Energy (MeV)

115

MAT 5813

MT= 77 (n,n') Level  
Legendre Coefficients

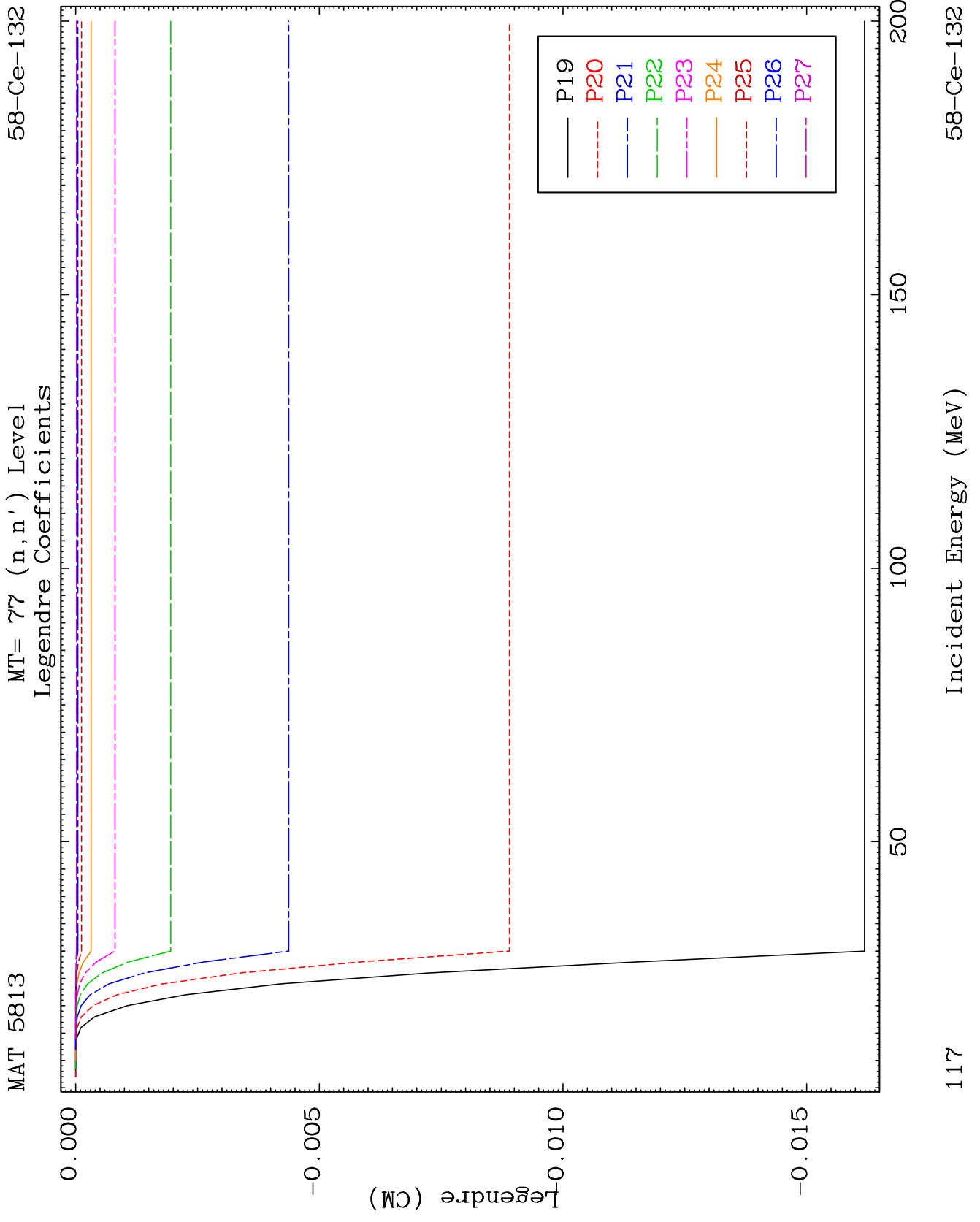
58-Ce-132



116

Incident Energy (MeV)

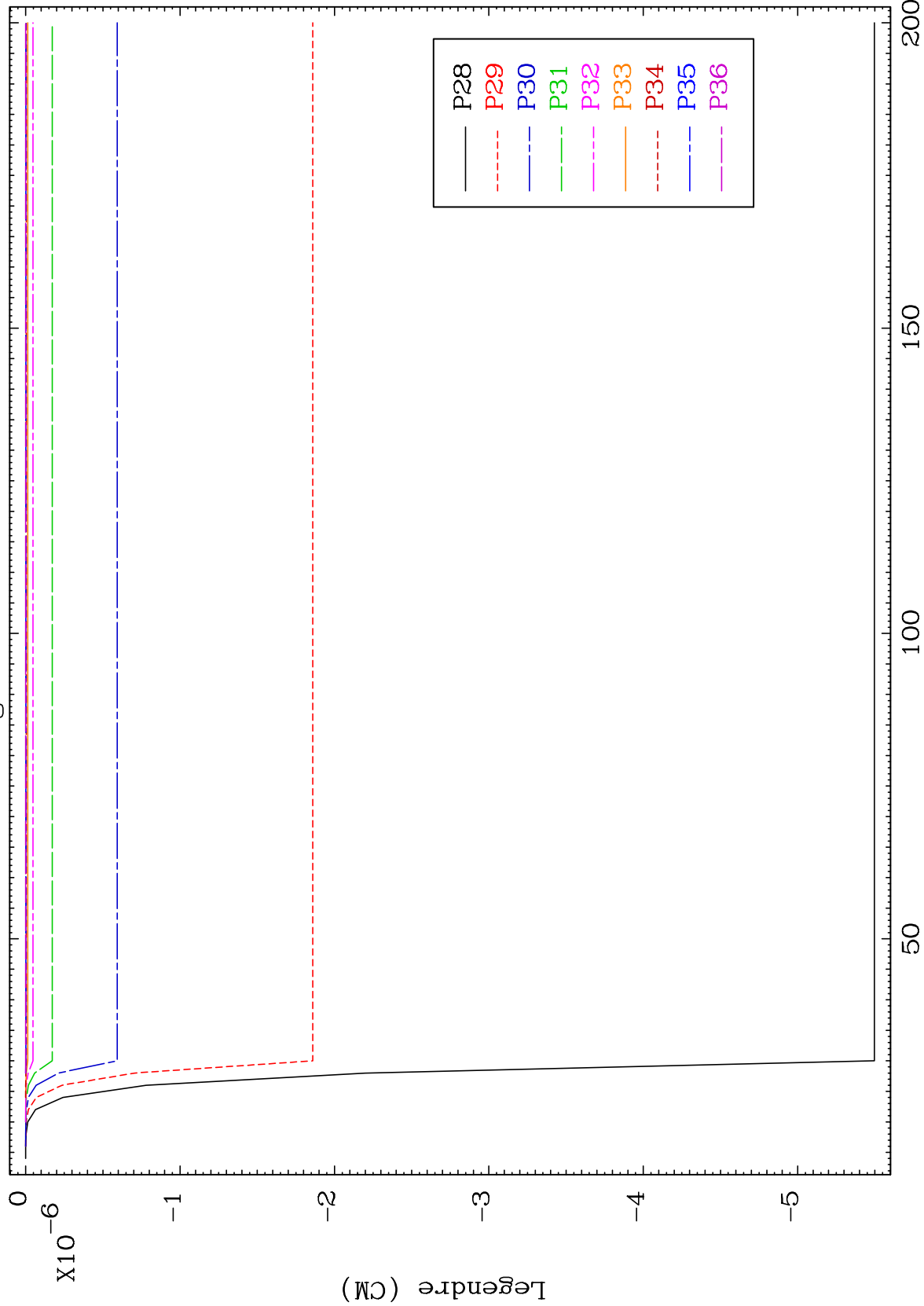
58-Ce-132



MAT 5813

MT= 77 (n,n') Level  
Legendre Coefficients

58-Ce-132



118

Incident Energy (MeV)

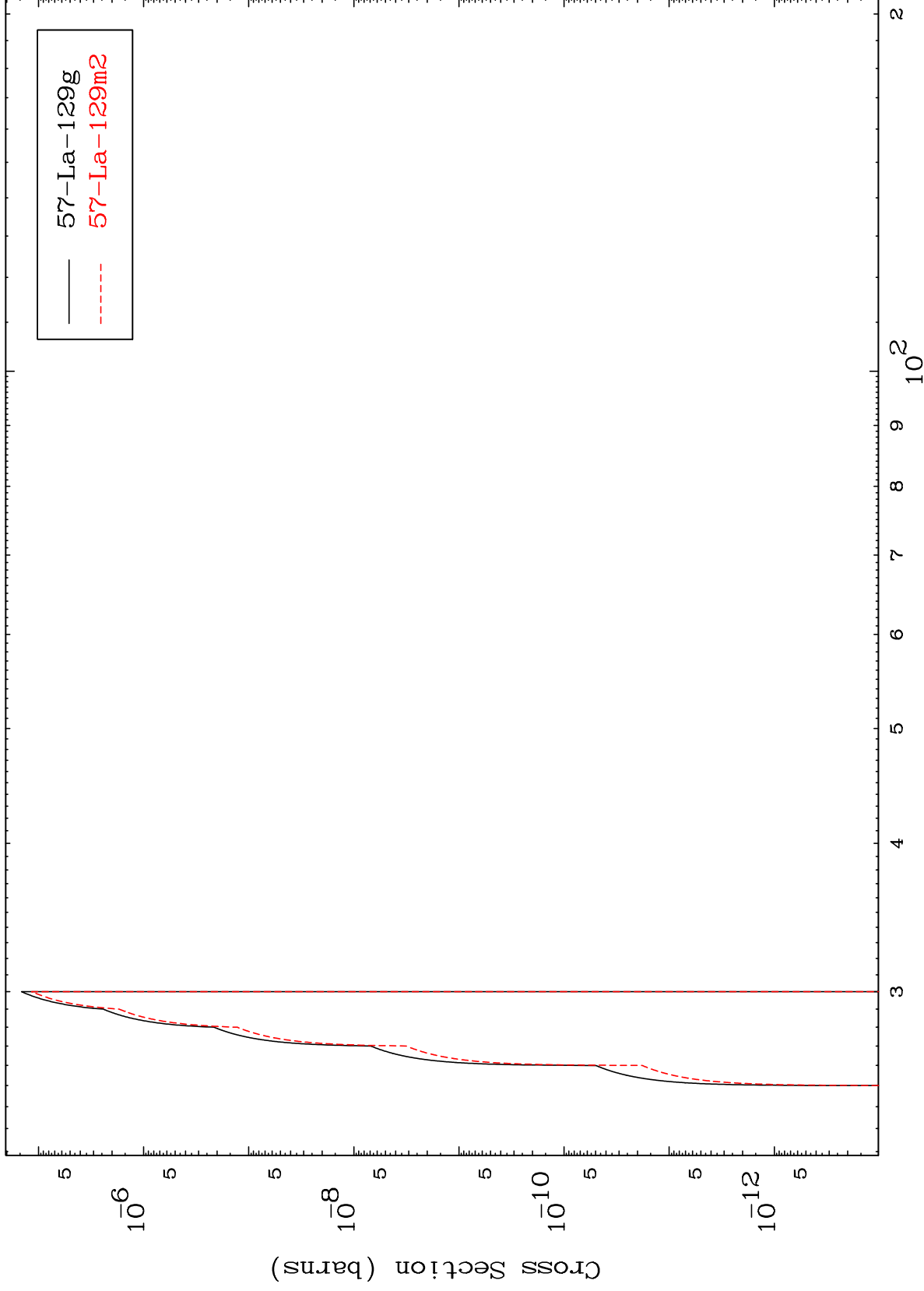
58-Ce-132

MAT 5813

(n,2n) d

58-Ce-132

Radionuclide Production Cross Section



119

Incident Energy (MeV)

58-Ce-132

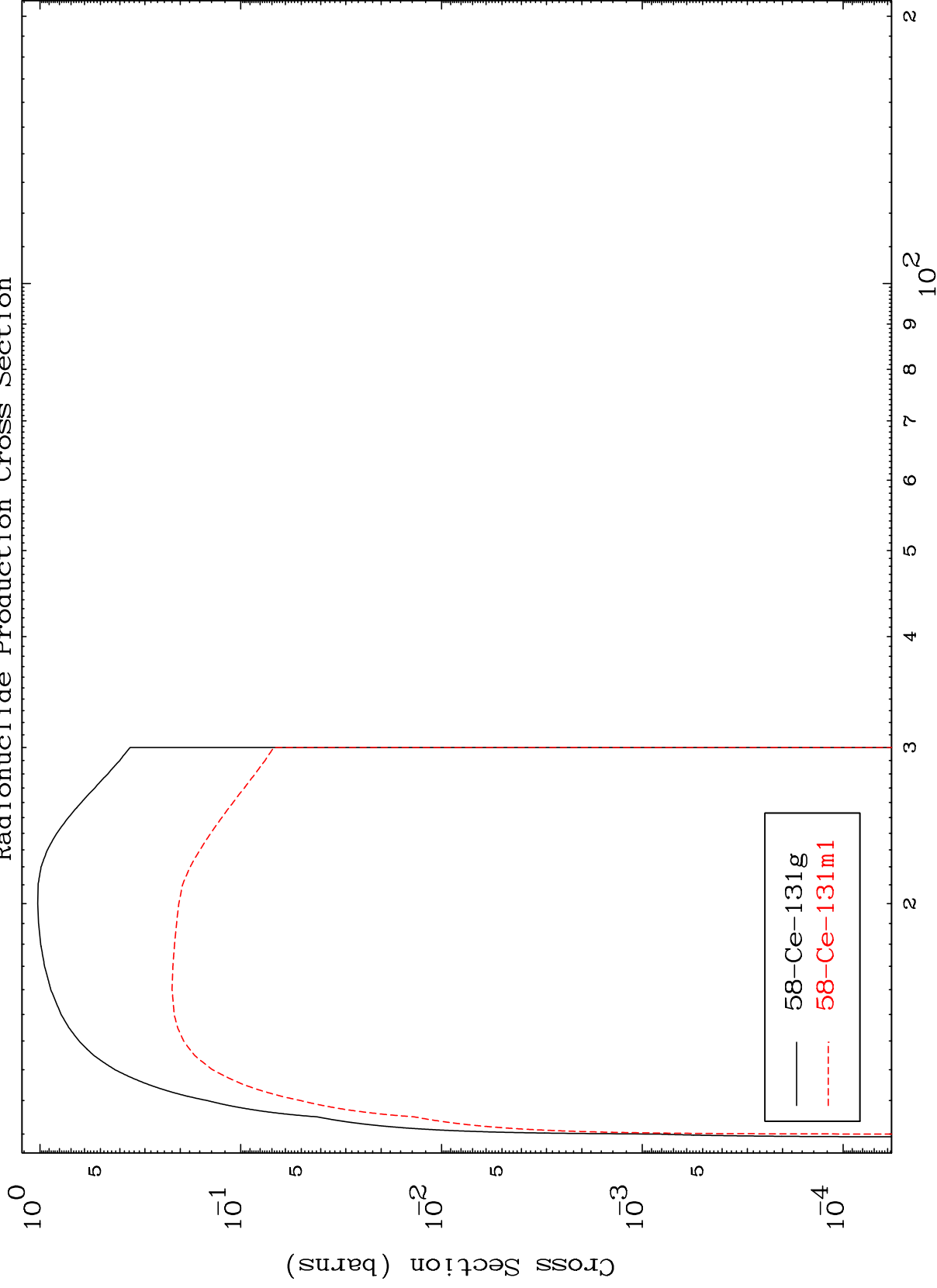


MAT 5813

(n,2n)

58-Ce-132

Radionuclide Production Cross Section



120

Incident Energy (MeV)

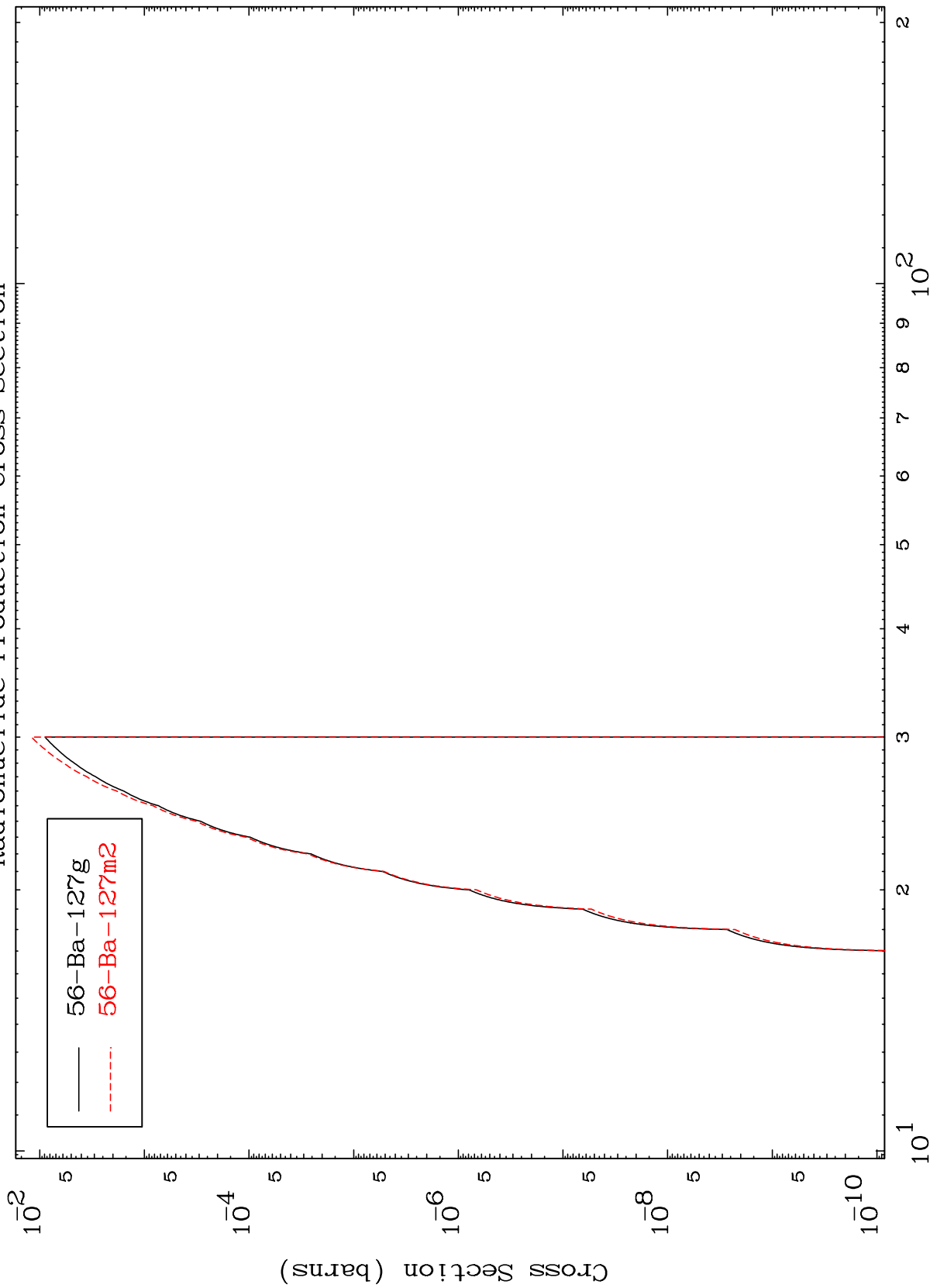
58-Ce-132

MAT 5813

(n,2n)  $\alpha$

58-Ce-132

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-132

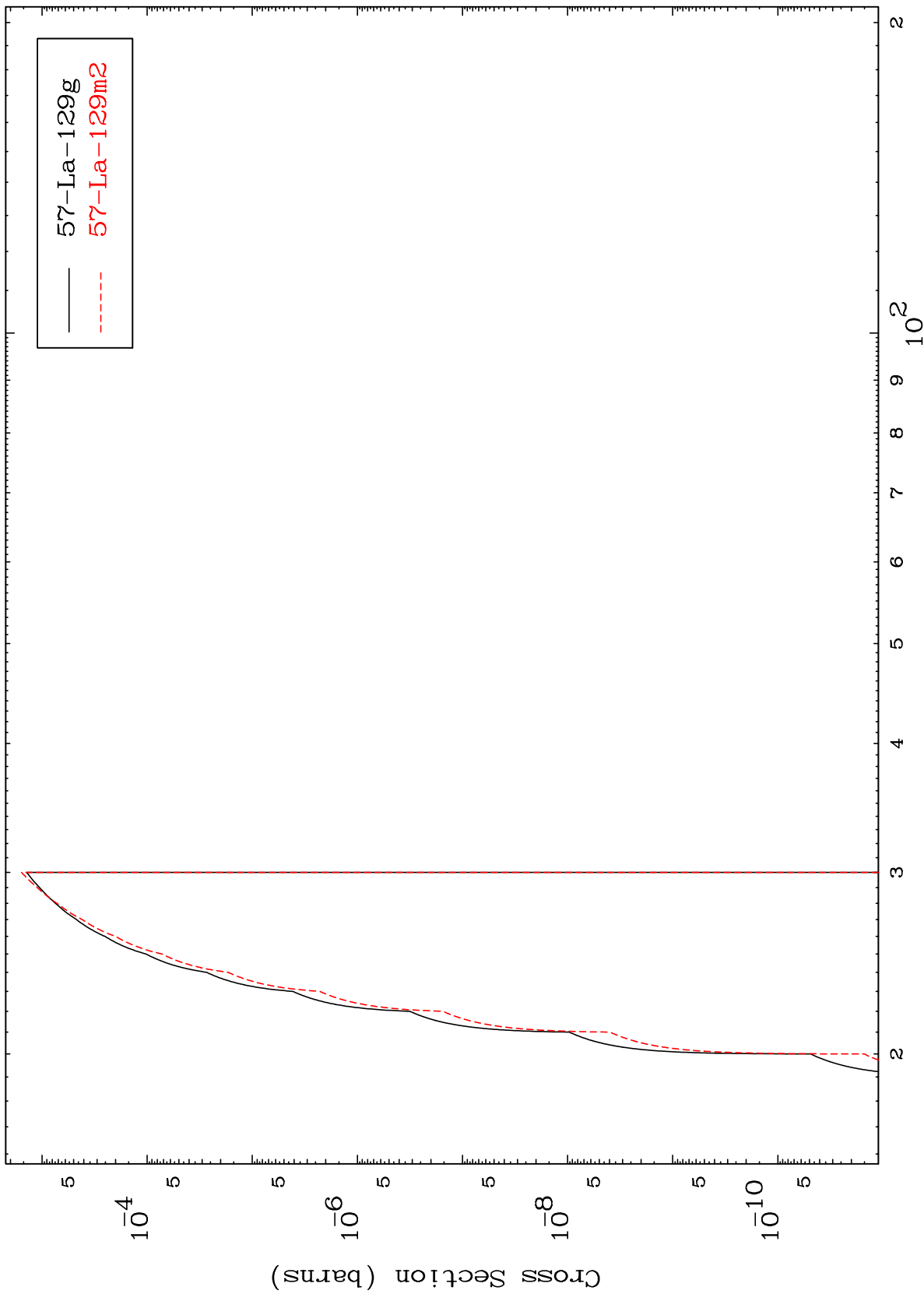
121

MAT 5813

(n,n') t

58-Ce-132

Radionuclide Production Cross Section

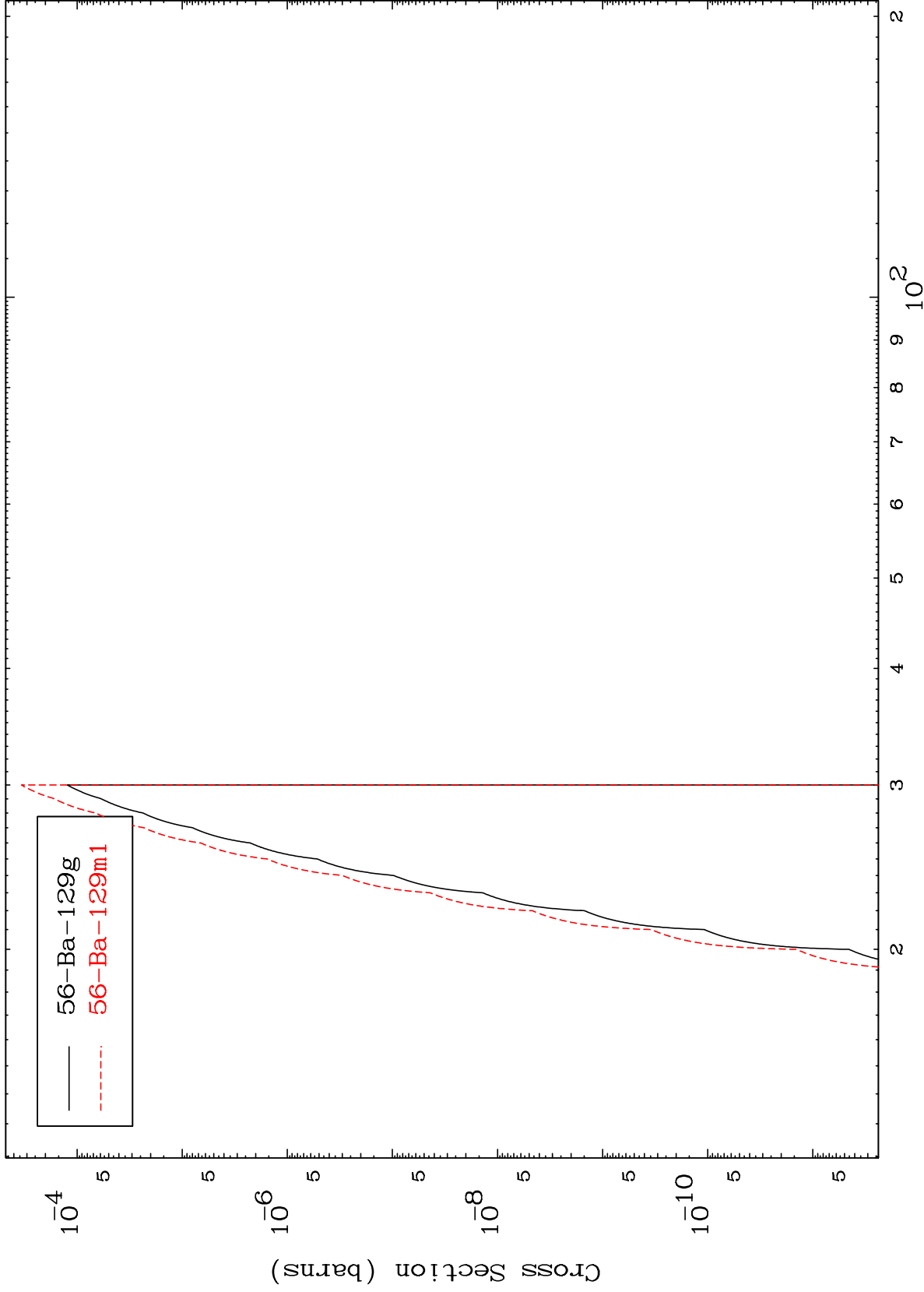


122

Incident Energy (MeV)

58-Ce-132

Radionuclide Production Cross Section

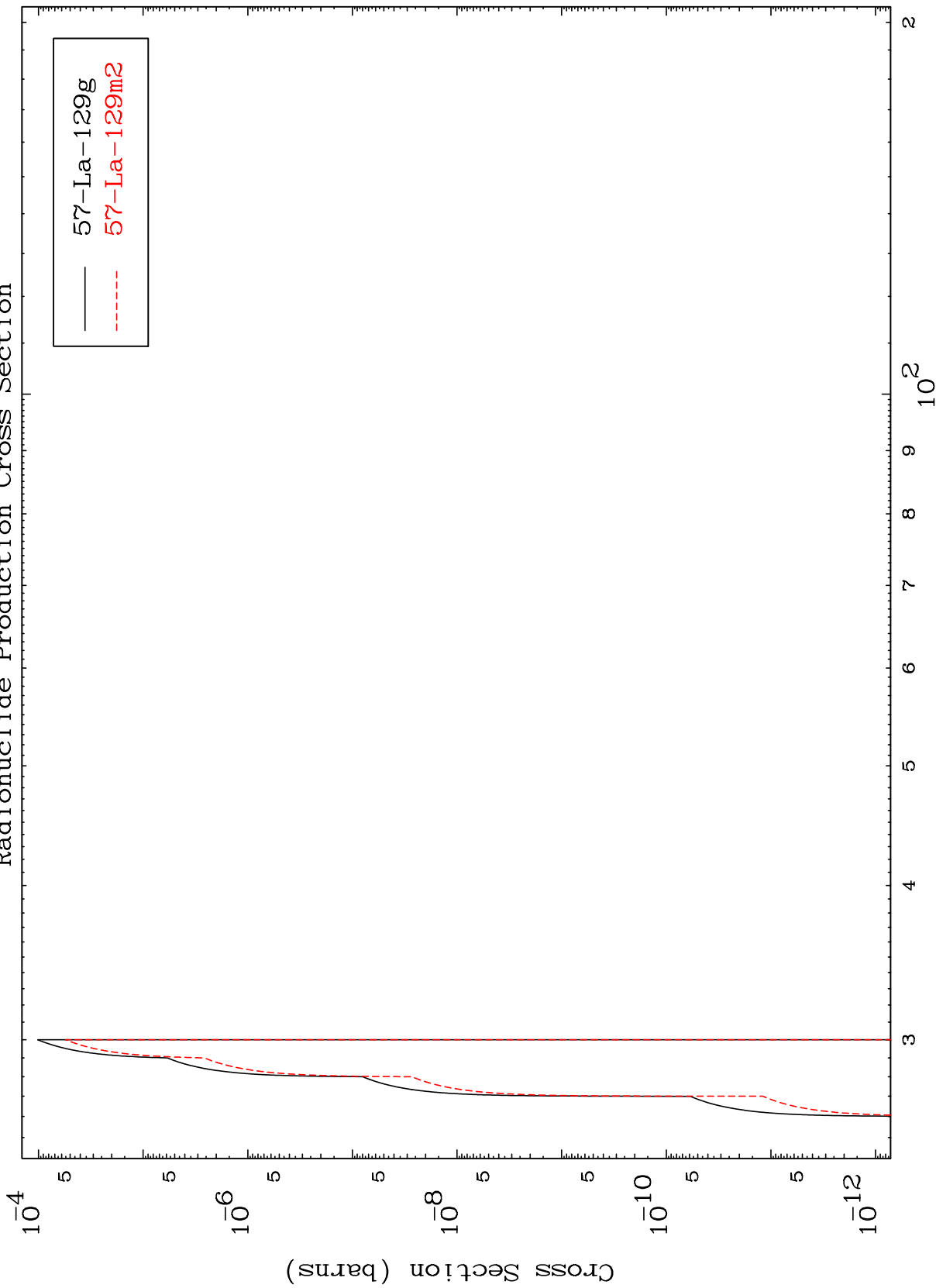


MAT 5813

(n,3n) p

58-Ce-132

Radionuclide Production Cross Section



124

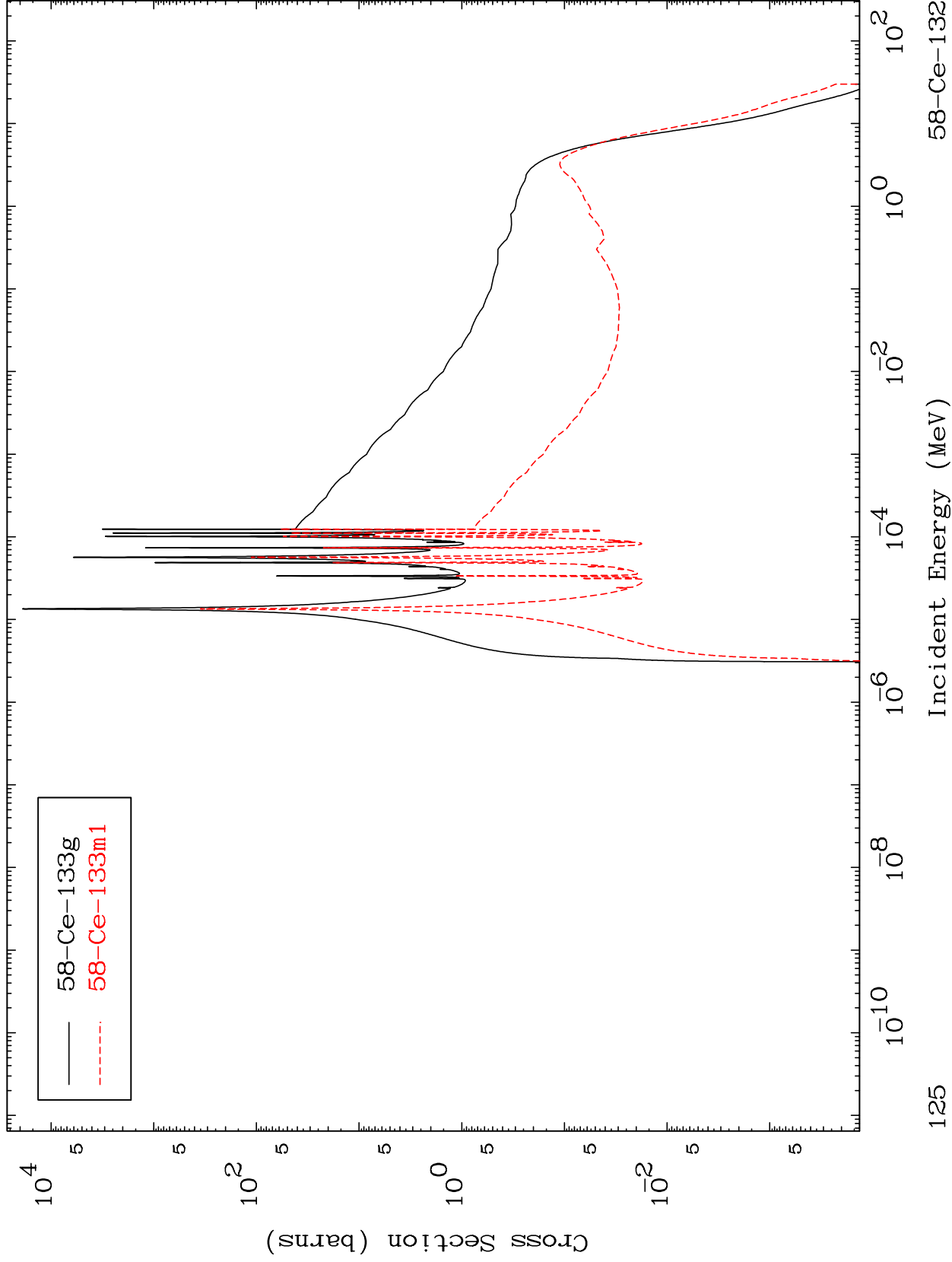
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

(n,  $\gamma$ )  
Radionuclide Production Cross Section

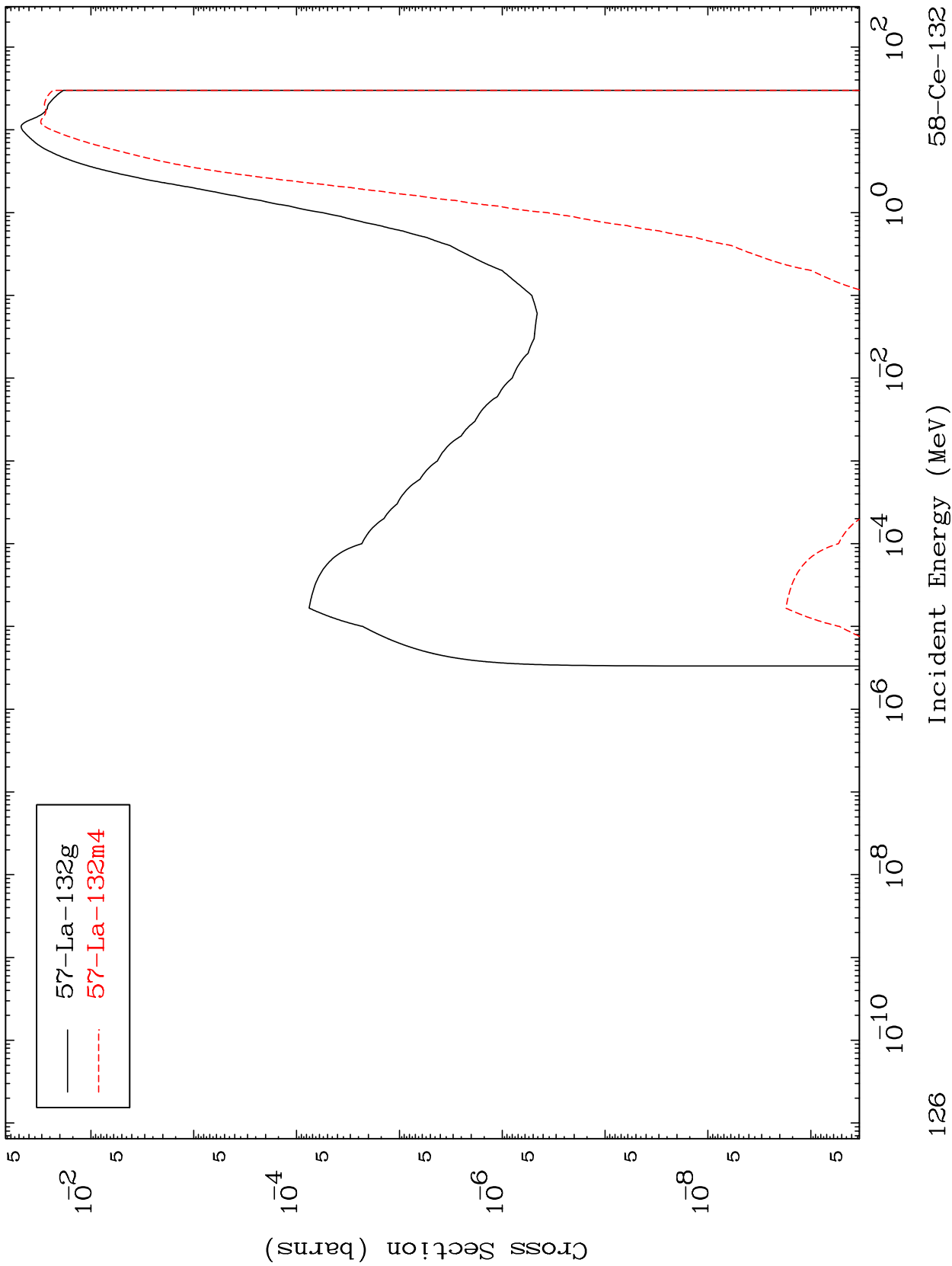


MAT 5813

(n,p)

58-Ce-132

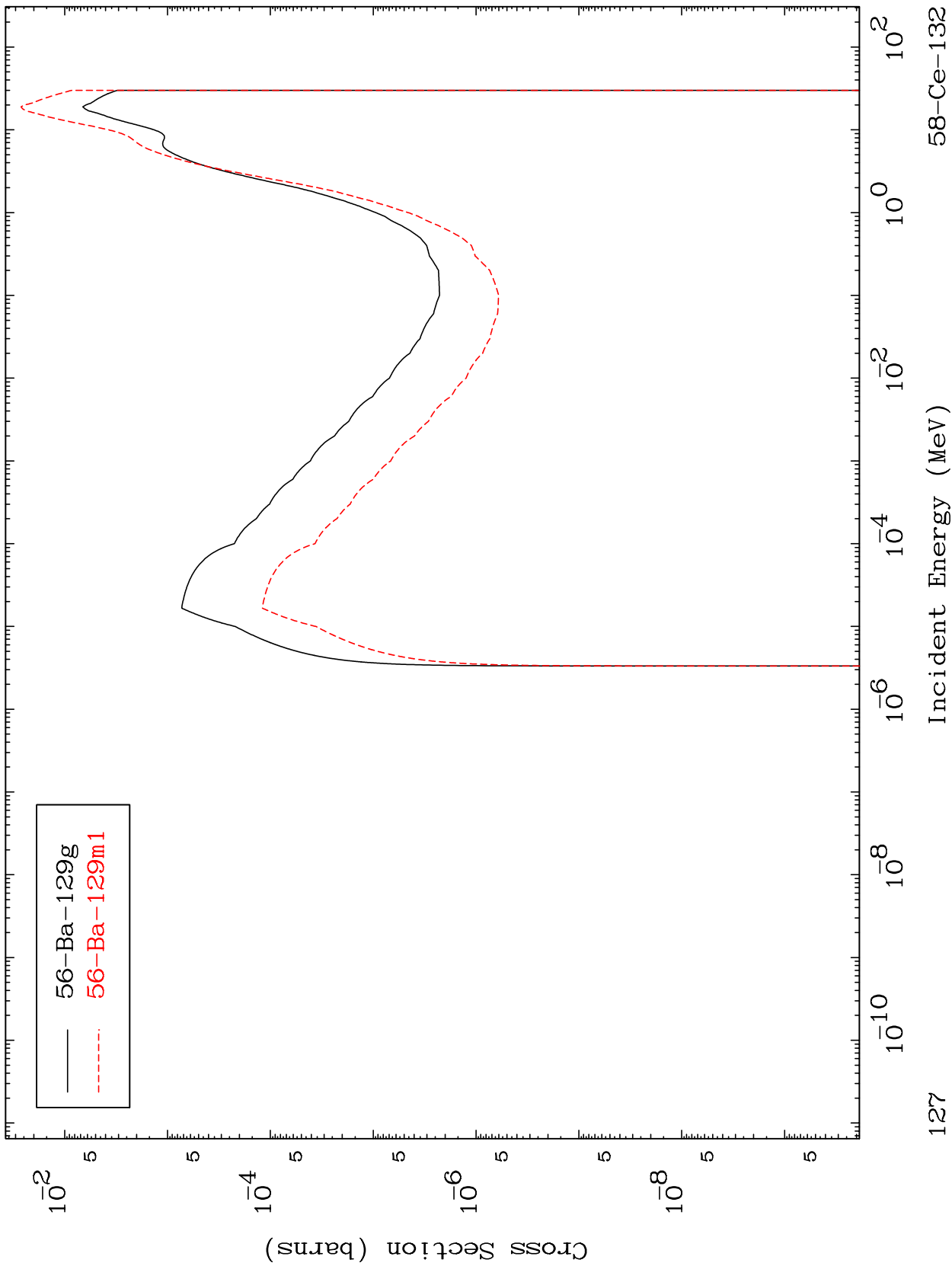
Radionuclide Production Cross Section



MAT 5813

58-Ce-132

Radionuclide Production Cross Section  
(n,  $\alpha$ )



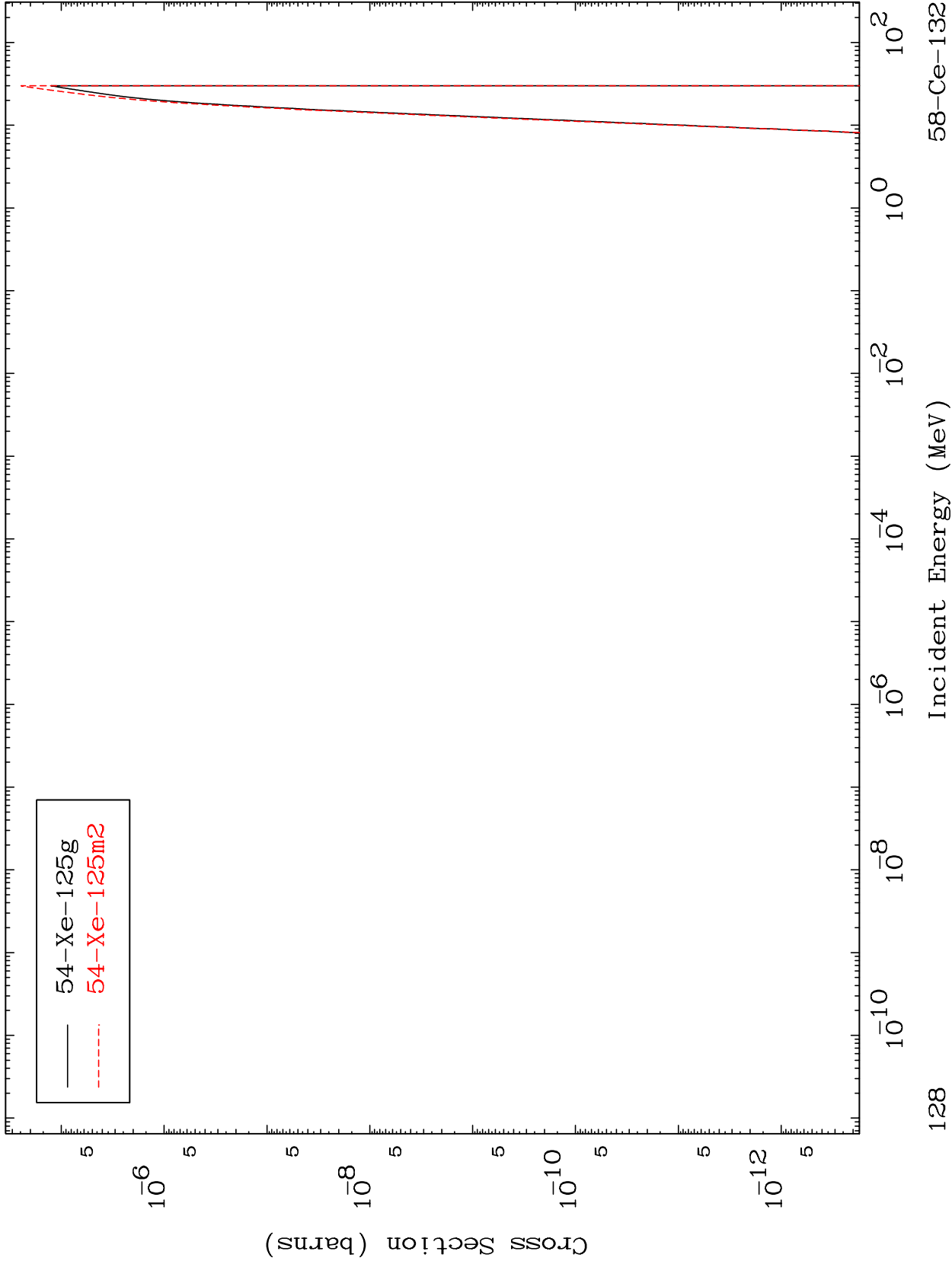


MAT 5813

(n,2α)

58-Ce-132

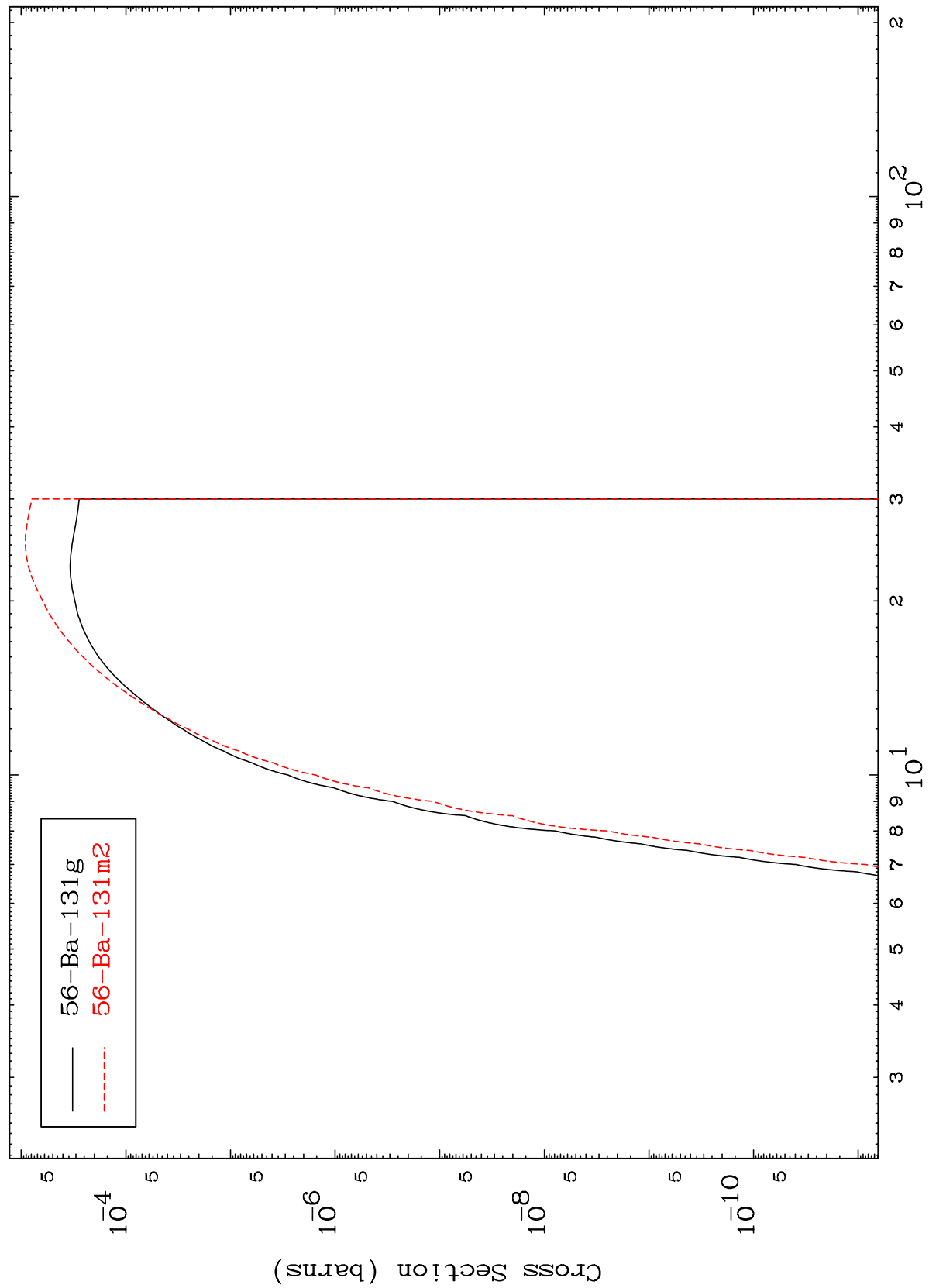
Radionuclide Production Cross Section



MAT 5813

58-Ce-132

(n,2p)  
Radionuclide Production Cross Section



58-Ce-132

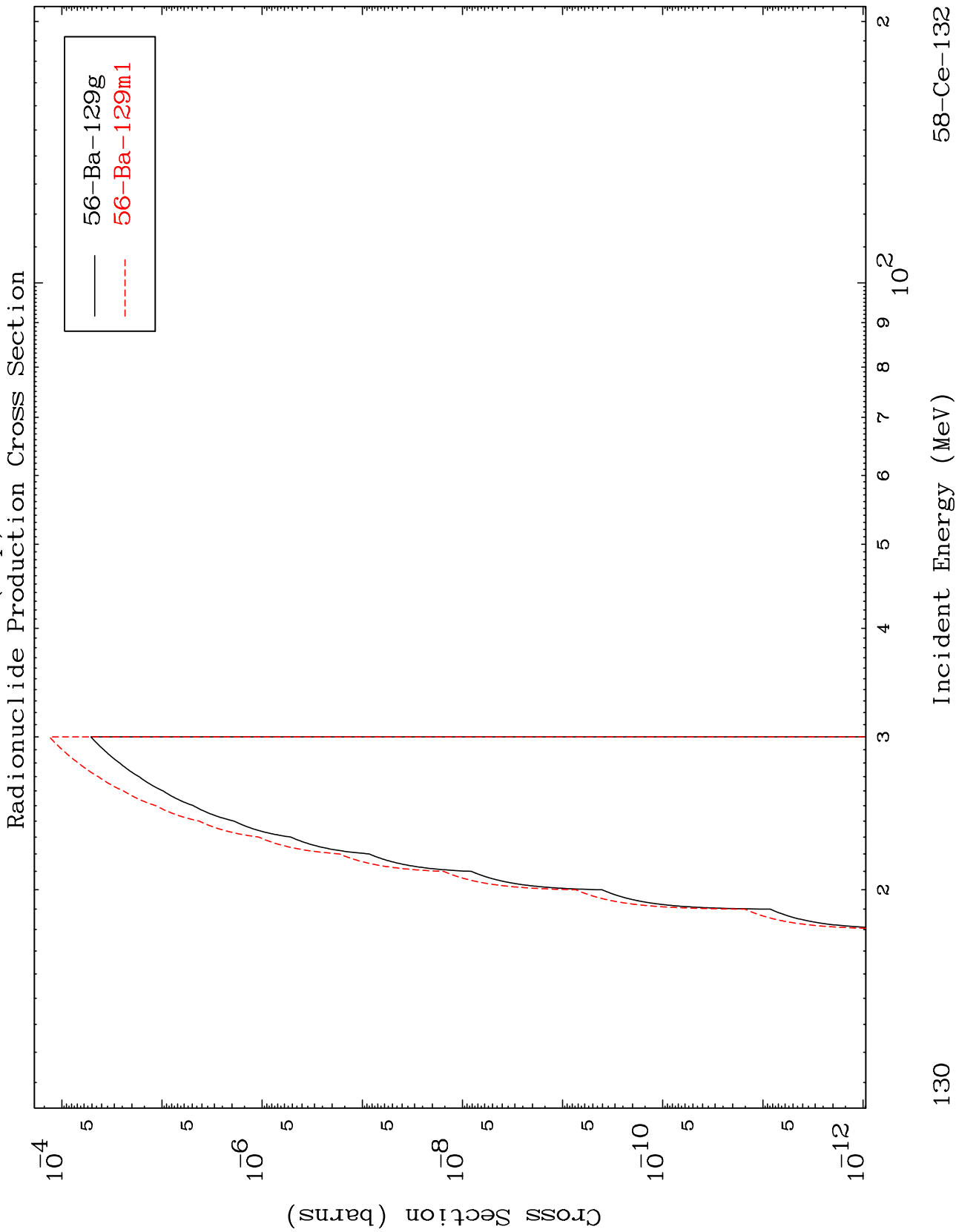
Incident Energy (MeV)

129

MAT 5813

(n,p) t

58-Ce-132



130

58-Ce-132